

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:32:31 ; Search time 1078 Seconds
(without alignments)
10845.319 Million cell updates/sec

Title: US-10-663-433-1
Perfect score: 6978
Sequence: 1 atgaagaaggtctcaaca.....agaatgcctcagccagatga 6978
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 2031123 seqs, 837722392 residues
Total number of hits satisfying chosen parameters: 4062246

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Pending Patents NA New:*
1: /EMC_Celerra_SIDS3/ptodata/1/pna/PCT_NEW_COMB.seq:*
2: /EMC_Celerra_SIDS3/ptodata/1/pna/US06_NEW_COMB.seq:*
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7: /EMC_Celerra_SIDS3/ptodata/1/pna/US11_NEW_COMB.seq:*
8: /EMC_Celerra_SIDS3/ptodata/1/pna/US60_NEW_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:39:35 ; Search time 1119 Seconds
(without alignments)
10283.043 Million cell updates/sec

Title: US-10-663-433-1

Perfect score: 6978

Sequence: 1 atgaagaagggtctcaaca.....agaatgcctcagcagatga 6978

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2281053 seqs, 824500224 residues

Total number of hits satisfying chosen parameters: 4562106

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA Newt.*

- 1: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US09_NEW_PUB_seq.*
- 2: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US06_NEW_PUB_seq.*
- 3: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US07_NEW_PUB_seq.*
- 4: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US08_NEW_PUB_seq.*
- 5: /EMC_Celerra_SIDS3/ptodata/1/pubpna/PCT_NEW_PUB_seq.*
- 6: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US10_NEW_PUB_seq.*
- 7: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US11_NEW_PUB_seq.*
- 8: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US11_NEW_PUB_seq.*
- 9: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US11_NEW_PUB_seq.*
- 10: /EMC_Celerra_SIDS3/ptodata/1/pubpna/US60_NEW_PUB_seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	ID	Description
1	6978	100.0	6978	US-11-266-748A-23829
2	3008.6	43.1	3893	US-11-266-748A-22936
3	2873.6	41.2	3044	US-11-293-697-2049
4	576	8.3	1000	US-11-266-748A-221970
5	576	8.3	1000	US-11-266-748A-287600
6	576	8.3	1000	US-11-266-748A-339029
7	576	8.3	1000	US-11-266-748A-398335
8	576	8.3	1000	US-11-266-748A-469381
9	292.6	4.2	520	US-11-266-748A-60629
10	292.6	4.2	520	US-11-266-748A-212659
11	292.6	4.2	520	US-11-266-748A-236039
12	285	4.1	683	US-11-266-748A-54169
13	190	2.7	626	US-11-266-748A-87312
14	190	2.7	626	US-11-266-748A-140123
15	166.2	2.4	544	US-11-266-748A-271052
16	166.2	2.4	544	US-11-266-748A-331569
17	163	2.4	384	US-11-266-748A-268717
18	165	2.4	384	US-11-266-748A-329234
19	98.6	1.4	638	US-11-266-748A-87962
20	98.6	1.4	638	US-11-266-748A-140773
21	79.2	1.1	2596	US-11-218-305-12130
22	72.2	1.0	30191	US-10-540-898-631
23	71.2	1.0	3369	US-10-540-898-315

ALIGNMENTS

RESULT 1

US-11-266-748A-23829
; Sequence 23829, Application US/11266748A
; Publication NO. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 23829
; LENGTH: 6978
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-23829

Query Match 100.0%; Score 6978; DB 8; Length 6978;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 6978; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 ATGAAGAAGGTTCTCAACAAATAATTTCTCCAAAGCAAGATACCATCATCTCAC 60

Qy 61 TCTCTATCCCATCATCTATGTCCCAATATGAGTCTAGTCTACTTTCACCTTTGATTGGA 120

Sequence 691, App
Sequence 417, App
Sequence 48100, A
Sequence 219138
Sequence 259864
Sequence 279040
Sequence 320381
Sequence 115849
Sequence 158013
Sequence 285639
Sequence 337068
Sequence 68593, A
Sequence 104932
Sequence 121404
Sequence 68594, A
Sequence 104933
Sequence 121405
Sequence 259863
Sequence 279039
Sequence 320380
Sequence 18594, A
Sequence 101, App

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Qy 1681 GAAACACAGCTTGACATTTATGAACACAGCAGTACCAACACTTGAAGAGTCTGTTGGATGAG 1740
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Qy 2161 CAGCTCAAGGAAGAGTTTGGAAAAAGTAAACAGACTTACCCAGTTAGAAACAAATCAGCCCTT 2220
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Qy 2221 CAAAGCAGAACTTGTAGAGAAAGGCAAGCCCTCAAGAAATGCTTGGAAAAAGCCAGTTTC 2280
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4501	Db	CTCCAGGCTGATGCAAAAGGATTT	GGAGCAGCAAAAATCAAGCAAGAGAAATCTTTGAAA	4560	
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4801	Db	AGGCAGTTAGGGCATAAAA	AGGAGGAGCTGGATCTACTCCAAGGAAGCATGGTCCAGGCCA	4860	
4861	Qy	AAAGCTCAGCCTC	CAGGAAAGCTCTGAGACTGGGAGAGACTCAAGTAACTGAGAGAAGTGAAT	4920	
4861	Db	AAAGCTCAGCCTC	CAGGAAAGCTCTGAGACTGGGAGAGACTCAAGTAACTGAGAGAAGTGAAT	4920	
4921	Qy	CACATTAGGGAAGTAAAT	CTCTCTCGAAGAACTGAGTTTTCAGAAAAGAGAACTAAAT	4980	
4921	Db	CACATTAGGGAAGTAAAT	CTCTCTCGAAGAACTGAGTTTTCAGAAAAGAGAACTAAAT	4980	
4981	Qy	GTTCAGATTAGTGAAGAAAAA	CTCAACTTACACTTTAAAGCAGGNAATTTGAAAAGAG	5040	
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5041	Qy	GAAGAAATCTTCAGGTTGTTT	TAAAGCAGATGTTCTAAACATAAAACCGAACTAAAGAAAT	5100	
5041	Db	GAAGAAATCTTCAGGTTGTTT	TAAAGCAGATGTTCTAAACATAAAACCGAACTAAAGAAAT	5100	
5101	Qy	ATTCAGACATGTTGCAACT	TGAAAACCATGAGCTACAAGGTTTGAAGCTTACAACATGAC	5160	
5101	Db	ATTCAGACATGTTGCAACT	TGAAAACCATGAGCTACAAGGTTTGAAGCTTACAACATGAC	5160	
5161	Qy	CAAAAGGATCTGAATTTAG	AGAAGACTCAGGTGGCAGTGTAGAGGAGAAAATCTGGAGTTA	5220	
5161	Db	CAAAAGGATCTGAATTTAG	AGAAGACTCAGGTGGCAGTGTAGAGGAGAAAATCTGGAGTTA	5220	
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5221	Db	GAGNAATTTGCAGCAGATAT	CCAGCAGCAGNAAGGGGAATAGAGTGGCAGAGAGCAGCTC	5280	
5281	Qy	CTTGAGAGGGAATAAAC	GAGAAAATAGAACGAATGACTGCTCAGTCCCAGGCTTTACAATCG	5340	
5281	Db	CTTGAGAGGGAATAAAC	GAGAAAATAGAACGAATGACTGCTCAGTCCCAGGCTTTACAATCG	5340	
5341	Qy	TGTGTTGAGTGTGTCAG	CAAGAAAAGGAAGATCTCCAAGAGAAAATGTGACATTTGGGAA	5400	
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5401	Db	AAAAAGTTGGCACAAC	CAAAAGGTTTTAGCAGCAGCAGAAAGAAATAGCAAAATGGAG	5460	
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5521	Qy	CTAAACAGAGACAAGTT	GTGTCACTAAACGACATTTTCAGCAATGCAACAGCAGCTCCAA	5580	

5521	Db	CTAAACAGAGACAAGTTGTCTACCTGCATTAACGACATTTCTAGCAAAATGCAACAGCAGCTCCAA	5581
5581	Qy	GAATAAACGAGAACAGCTAAACTCACCTGCAGGAGGAACCTAGCTAAATGCTCCAAGACCACTTTTG	5640
5581	Db	GAATAACGAGAACAGCTAAACTCACCTGCAGGAGGAACCTAGCTAAATGCTCCAAGACCACTTTTG	5640
5641	Qy	AACCTTAGCAAAAACAGGACCTGTCTTCAACCAACAGCATCAGGATGTGTGCTCAGTGAG	5700
5641	Db	AACCTTAGCAAAAACAGGACCTGTCTTCAACCAACAGCATCAGGATGTGTGCTCAGTGAG	5700
5701	Qy	CAGACCGACTCCAGAAAGGACATCAGTGAATGGGCAAAATAGGTTTCAAGACTCTCAGAAA	5760
5701	Db	CAGACCGACTCCAGAAAGGACATCAGTGAATGGGCAAAATAGGTTTCAAGACTCTCAGAAA	5760
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5761	Db	GAAGAGGAGACAAAAACAACAACCTTCAAGTGTCTTCAGAAATGAGATTGAAGAAAAACAAG	5820
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5821	Db	CTCAAACTTAGTCCAAACAGAAATATGATGTTTTCAGAGACTCCAGAAAGAGAGAAAAAGTGAA	5880
5881	Qy	GRAAGCAAAATTAGAACACAGTAAAGTGACACTGAAAGGAGCAACAGCACCACTGGGAAAAAG	5940
5881	Db	GRAAGCAAAATTAGAACACAGTAAAGTGACACTGAAAGGAGCAACAGCACCACTGGGAAAAAG	5940
5941	Qy	GAATTAAACAGACAGAAAAAGCAAACTGGACCAAGTGCTCTCAAAAGTGTCTGGCAGCTGAA	6000
5941	Db	GAATTAAACAGACAGAAAAAGCAAACTGGACCAAGTGCTCTCAAAAGTGTCTGGCAGCTGAA	6000
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6001	Db	GAGCGTGTTAGACTCTGCAGGAGAGAGAGGTGTGTGAGNGCCTGAGAGAGACACTC	6060
6061	Qy	TCCCAAACTAAACGGCAGCTTTTCAGAAAAGGAGAGCAAAATGGTGGAGAAAAATCAGGTGAG	6120
6061	Db	TCCCAAACTAAACGGCAGCTTTTCAGAAAAGGAGAGCAAAATGGTGGAGAAAAATCAGGTGAG	6120
6121	Qy	CTGTTGGCCCTCCAGAAAAGGCGAGATTCTATGAGGGCAGACTTCAGCCCTTTCGCGGAAC	6180
6121	Db	CTGTTGGCCCTCCAGAAAAGGCGAGATTCTATGAGGGCAGACTTCAGCCCTTTCGCGGAAC	6180
6181	Qy	CAGTTCTTGACAGAAAAGAAAGCTGAGAGAGCAGGTGGCCAGCCCTGAAGAGACACTT	6240
6181	Db	CAGTTCTTGACAGAAAAGAAAGCTGAGAGAGCAGGTGGCCAGCCCTGAAGAGAGCACTT	6240
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6361	Db	CGCCTGATGAAGAGGCTCAACCGAGTGAGTATGAGTACACGGAGCTCAAGAAACAGATG	6420
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6421	Db	GCRAACCAAAAAGATTGGAGAGAGACAAAAATGGAATTCAGTGTATGCAATGAGGACACTT	6480
6481	Qy	AAATCTGAGGTGAAGGATGAAATCAGAACCGCTTGAAGAATCTTAAATCAGTTTCTTTCCA	6540
6481	Db	AAATCTGAGGTGAAGGATGAAATCAGAACCGCTTGAAGAATCTTAAATCAGTTTCTTTCCA	6540
6541	Qy	GAATCTACGACAGATCTAGAGCTATTTTGGAAAGAAAAACCAACCTTAGAAGGAGAAATTG	6600
6541	Db	GAATCTACGACAGATCTAGAGCTATTTTGGAAAGAAAAACCAACCTTAGAAGGAGAAATTG	6600
6601	Qy	GAAGCTTGAAGAGAAACCTTCCATTTACATGAATGGGACCTTTTGAAGAAAAACTG	6660
6601	Db	GAAGCTTGAAGAGAAACCTTCCATTTACATGAATGGGACCTTTTGAAGAAAAACTG	6660

6661 AACCTTTCCCAAGTTTCATATGATGATCAACACTGGGCTGGAGAGCACTCCGGAGAAA 6720
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6721 CTGGCTCACCGGGAAGACCGACTCAAGGCCCAACTCCGACACTGTATGTCTCAAGCAAGCA 6780
Db CTGGCTCACCGGGAAGACCGACTCAAGGCCCAACTCCGACACTGTATGTCTCAAGCAAGCA 6780
6781 GAAGTATTAATTAAGGAAGCGGAGACAGAGGGCACTTTACACAGTTTGGAGAGCAA 6840
Db GAAGTATTAATTAAGGAAGCGGAGACAGAGGGCACTTTACACAGTTTGGAGAGCAA 6840
6841 GTAGATGCTTTAGGGGAATTCGTCACAGCACCTCTGCAGATTTCAGCGTCATACCCAGT 6900
Db GTAGATGCTTTAGGGGAATTCGTCACAGCACCTCTGCAGATTTCAGCGTCATACCCAGT 6900
6901 CTGTCTCAGCTGGAGTCTTCCCTCACAGAGCACTCTCAACTTGGACAAAATCAGGAAAAG 6960
Db CTGTCTCAGCTGGAGTCTTCCCTCACAGAGCACTCTCAACTTGGACAAAATCAGGAAAAG 6960
6961 AATGCTTCAGCCAGCATGA 6978
Db AATGCTTCAGCCAGCATGA 6978

RESULT 2
US-11-266-748A-22936
; Sequence 22936, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 22936
; LENGTH: 3893
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-22936

Query Match 43.1%; Score 3008.6; DB 8; Length 3893;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 3011; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

3964 GAGAAATGAAGTTTCTAGATTAGAGACATATGAGCACTTTAAAATCAAGAGCGGAA 4023
Db GAGAAATGAAGTTTCTAGATTAGAGACATATGAGCACTTTAAAATCAAGAGCGGAA 502
4024 GAAAGGTGGATGAGAGATCCAGCGGCTGGAGAAAGAAATGGAAGAACTGCATCAT 4083

503 GAAAGGTGGATGAGAGATCCAAAGCGGCTGCGAGAAAGAAATGGAAGAACTGCATCAT 562
Qy AATATTGATGATCTTTTGGCAAGAGAGAAAAGCTTTAGAGTGTGAGTAGAAGAAATTACAT 4143
Db AATATTGATGATCTTTTGGCAAGAGAGAAAAGCTTTAGAGTGTGAGTAGAAGAAATTACAT 622
4144 AGAACTGTCTCAGAAAACCTCAACAGCAAAAGAGCTTCATTGATGGAATGTTTGAAGAGTCTT 4203
Db AAGAACTGTCTCAGAAAACCTCAACAGCAAAAGAGCTTCATTGATGGAATGTTGAGAGTCTT 682
4204 ATGACTGAACTAGAAATAGAAAATCACTCAACATCATGAAGATATTTGTAGATGAATTT 4263
Db ATGACTGAACTAGAAATAGAAAATCACTCAACATCATGAAGATATTTGTAGATGAATTT 742
4264 GAGTGCATTTGAGAGAGCTCTTCTGAAACGTCGCTCAGAGCTCAGGAGAGCTGACCGACTC 4323
Db GAGTGCATTTGAGAGAGCTCTTCTGAAACGTCGCTCAGAGCTCAGGAGAGCTGACCGACTC 802
4324 CTGGCAGAGGCTGAGAGTGAACCTTTTATGCACTCAAAAGAAAGACAAAATTCCTGTTGAA 4383
Db CTGGCAGAGGCTGAGAGTGAACCTTTTATGCACTCAAAAGAAAGACAAAATTCCTGTTGAA 862
4384 AAGTTCACTGATCCCAAGAGAGTTCATGCACTCAAAAGAAAGACAAAATTCCTGTTGAA 4443
Db AAGTTCACTGATCCCAAGAGAGTTCATGCACTCAAAAGAAAGACAAAATTCCTGTTGAA 922
4444 AGGAGAGCTCAGAAACTGCTGTTTAACTCTGTCAAAGCTGATCAGCAGCTGAAGTCCGCTC 4503
Db AGGAGAGCTCAGAAACTGCTGTTTAACTCTGTCAAAGCTGATCAGCAGCTGAAGTCCGCTC 982
4504 CAGGCTGATCAAAAGGATTTGGAGAGCAGCACAAAATCAAGCAAGAAAGAAATCTTCAAAGAA 4563
Db CAGGCTGATCAAAAGGATTTGGAGAGCAGCACAAAATCAAGCAAGAAAGAAATCTTCAAAGAA 1042
4564 ATAAACAAAATTTAGCAGCAAAAGACTCAGACTTCAATGTTTAAAGCAAGAAAGAA 4623
Db ATAAACAAAATTTAGCAGCAAAAGACTCAGACTTCAATGTTTAAAGCAAGAAAGAA 1102
4624 AAATGACAGAGAGCTTCAAGAACTACAGAAAGACATAGAGTGGCAGAGCGCAATGAG 4683
Db AAATGACAGAGAGCTTCAAGAACTACAGAAAGACATAGAGTGGCAGAGCGCAATGAG 1162
4684 GATCACCCTGCAAGGTCCTTAAAGAAATCTGAGTGCTTCTTCAAGGCAAAAGAGCGAG 4743
Db GATCACCCTGCAAGGTCCTTAAAGAAATCTGAGTGCTTCTTCAAGGCAAAAGAGCGAG 1222
4744 GTGAAAAGCTGAAAAGCCAGGTCACAAAGTCAGCAGCAGAGAGATGGTGCTTTCGACAGG 4803
Db GTGAAAAGCTGAAAAGCCAGGTCACAAAGTCAGCAGCAGAGAGATGGTGCTTTCGACAGG 1282
4804 CAGTTAGGGCATAAAAGAGGAGAGCTGCTACTCTCAAGGAGAGCATGGTCCAGGCAAAA 4863
Db CAGTTAGGGCATAAAAGAGGAGAGCTGCTACTCTCAAGGAGAGCATGGTCCAGGCAAAA 1342
4864 GCTGACCTCCAGGAAGCTCTGAGACTGGGAGAGACTGAAGTAACTGAGAGTGCATCAAC 4923
Db GCTGACCTCCAGGAAGCTCTGAGACTGGGAGAGACTGAAGTAACTGAGAGTGCATCAAC 1402
4924 ATTAGGGAAGTAAAATCTCTTCTGGAAGAACTGAGTTTTCAGAAAGGAGAACTAAATGTT 4983
Db ATTAGGGAAGTAAAATCTCTTCTGGAAGAACTGAGTTTTCAGAAAGGAGAACTAAATGTT 1462
4984 CAGATTAGTGAAGAAAATCACTCACTTATTAAGCAGGAAATGAAAAGAGAGAA 5043
Db CAGATTAGTGAAGAAAATCACTCACTTATTAAGCAGGAAATGAAAAGAGAGAA 1522
5044 GAAAATCTTCAGGTTGTTTAAAGCGAGTCTTAAACATAAACCGAACTTAAAGAAATTT 5103
Db GAAAATCTTCAGGTTGTTTAAAGCGAGTCTTAAACATAAACCGAACTTAAAGAAATTT 1582
5104 CTGACATGTTTGAACCTTGAAGAAACCTGAGCTCAAGGTTTGAAGCTCAACATGACAA 5163
Db CTGACATGTTTGAACCTTGAAGAAACCTGAGCTCAAGGTTTGAAGCTCAACATGACAA 1642
5183 CTGACATGTTTGAACCTTGAAGAAACCTGAGCTCAAGGTTTGAAGCTCAACATGACAA 1642

Query Match 41.2%; Score 2873.6; DB 8; Length 3044;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 2876, Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy	1093	TTTGAGCCACTAAATTTATTCATCAGAGATGCTGCTGAAATTTGATAAAGCCCAAGATGAA	1152
Db	1	TTTGAGCCACTAAATTTATTCATCAGAGATGCTGCTGAAATTTGATAAAGCCCAAGATGAA	60
Qy	1153	AGCCCTTACATGGCAATCCAGATACAGAGAAATATGTTGCCACAGAGAGTTATTT	1212
Db	61	AGCCCTTACATGGCAATCCAGATACAGAGAAATATGTTGCCACAGAGAGTTATTT	120
Qy	1213	ATTGACAGTGTCTCAGGCAGTACAGATCAAGAAAGATGGAGCAGATGAACTTTAGAAAT	1272
Db	121	ATTGACAGTGTCTCAGGCAGTACAGATCAAGAAAGATGGAGCAGATGAACTTTAGAAAT	180
Qy	1273	GATCACATGAATCTTGAGAGCCACACACCACTGGACACGCAACTGGGAAGCAAAAGAAAA	1332
Db	181	GATCACATGAATCTTGAGAGCCACACACCACTGGACACGCAACTGGGAAGCAAAAGAAAA	240
Qy	1333	AAATTAAGTCAGCACAACTCGACTATCAGACTGATGATGAAATAGAAAGGCGAGAA	1392
Db	241	AAATTAAGTCAGCACAACTCGACTATCAGACTGATGATGAAATAGAAAGGCGAGAA	300
Qy	1393	CAACAAATTTTGAGAGCTACTGAAGATTTAAACAACTGGAAGAGCTATACAACTAAAA	1452
Db	301	CAACAAATTTTGAGAGCTACTGAAGATTTAAACAACTGGAAGAGCTATACAACTAAAA	360
Qy	1453	AAGATTTTCAAGCAGGGAAAGACCTTTCTTTTACAAGCAGTTGAGTGGTAGACTACAAT	1512
Db	361	AAGATTTTCAAGCAGGGAAAGACCTTTCTTTTACAAGCAGTTGAGTGGTAGACTACAAT	420
Qy	1513	GTAAATTAATTTAGCCAGAGAGCTCTGGATCTAGAACTGAGATGGAAGGCAAGAGCAG	1572
Db	421	GTAAATTAATTTAGCCAGAGAGCTCTGGATCTAGAACTGAGATGGAAGGCAAGAGCAG	480
Qy	1573	GAAATTTGCCGGAAGCAGAGAGATTAAGGACCTGCAAACTAGCATAGATAGCTGGAT	1632
Db	481	GAAATTTGCCGGAAGCAGAGAGATTAAGGACCTGCAAACTAGCATAGATAGCTGGAT	540
Qy	1633	TCCAAAGACCCAAACATTTCCCATATGAAGGCTCAAAAGAGCGGTAAAGAACCAACAGCTT	1692
Db	541	TCCAAAGACCCAAACATTTCCCATATGAAGGCTCAAAAGAGCGGTAAAGAACCAACAGCTT	600
Qy	1693	GACATTTGACAGCAGTACCAACACTTGAAGTGGTTGGATGAGATACCTTCTAGA	1752
Db	601	GACATTTGACAGCAGTACCAACACTTGAAGTGGTTGGATGAGATACCTTCTAGA	660
Qy	1753	ATTGCTAAGGAAACGGAAGAGATTAAGGACCTTGAAGACAGCTTACTGAAGGCCAGATA	1812
Db	661	ATTGCTAAGGAAACGGAAGAGATTAAGGACCTTGAAGACAGCTTACTGAAGGCCAGATA	720
Qy	1813	GCAGCAAAATGAAGCCCTGAAAGAGGATTTAGAAAGTGTATCAGTGGGTTGCAAGAAATAC	1872
Db	721	GCAGCAAAATGAAGCCCTGAAAGAGGATTTAGAAAGTGTATCAGTGGGTTGCAAGAAATAC	780
Qy	1873	CTGGGACCAATTAAGCCACAGGCAATCAGGCCAGATGAGTGCAGGAAGCTGCGGGAT	1932
Db	781	CTGGGACCAATTAAGCCACAGGCAATCAGGCCAGATGAGTGCAGGAAGCTGCGGGAT	840
Qy	1933	GAGAAAGAGACATTTGTCAGAGATTTGACAGAAAGTTCAGAGCAGAGAGACAGCTGGAA	1992
Db	841	GAGAAAGAGACATTTGTCAGAGATTTGACAGAAAGTTCAGAGCAGAGAGACAGCTGGAA	900
Qy	1993	ATAGTTGCCATGGATGCAGAAAAATATGAGGAAGGAGCTTGCAGAGCTAGAAAAGTGCCTC	2052
Db	901	ATAGTTGCCATGGATGCAGAAAAATATGAGGAAGGAGCTTGCAGAGCTAGAAAAGTGCCTC	960
Qy	2053	CAAGACAGCATGAGGTGAATGCACTTTTCCACAGACACCCAGGAGATCTCAGTGCCTAT	2112
Db	961	CAAGACAGCATGAGGTGAATGCACTTTTCCACAGACACCCAGGAGATCTCAGTGCCTAT	1020
Qy	2113	GAAGCTGAGCTAGAGGCTCGGCTAAACCTTAAGGATGCTGAAGCCACAGCTCAAGGAA	2172

Db	1021	GAAGCTGAGCTAGAGGCTGGCTAAACCTAAGGATGCTGAAGCAACACAGCTCAAGGAA	1080
Qy	2173	GAGTTGGAAAAAGTTAAACAGACTTACCCAGTTAGAAACAATCAGCCCTTCAAGCAGAACTT	2232
Db	1081	GAGTTGGAAAAAGTTAAACAGACTTACCCAGTTAGAAACAATCAGCCCTTCAAGCAGAACTT	1140
Qy	2233	GAGAAGGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCAGTTCTCAGAAGAAAAAG	2292
Db	1141	GAGAAGGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCAGTTCTCAGAAGAAAAAG	1200
Qy	2293	GAGCAAGAGAACAGTGAAGTCCATGCAAAAATTAAACAATTGCAAGATGACAAATACTG	2352
Db	1201	GAGCAAGAGAACAGTGAAGTCCATGCAAAAATTAAACACTTGCAGGATGACAAATACTG	1260
Qy	2353	TTAAACAGCAACTTAAAGATTTCCAGAAATCACCTTAACCATGTGTTGATGTTGGTT	2412
Db	1261	TTAAACAGCAACTTAAAGATTTCCAGAAATCACCTTAACCATGTGTTGATGTTGGTT	1320
Qy	2413	CGTCCAGAAAGAGTGGCAGCTCGTGTGGATGAGCTAAGAAAGAAAACTGAAATTAGGAACT	2472
Db	1321	CGTCCAGAAAGAGTGGCAGCTCGTGTGGATGAGCTAAGAAAGAAAACTGAAATTAGGAACT	1380
Qy	2473	GGGGAATTAACATCCATAGTCTTTCAGATGTTCTTAGGGAAAAAGTCTTGTCTGATTTACAG	2532
Db	1381	GGGGAATTAACATCCATAGTCTTTCAGATGTTCTTAGGGAAAAAGTCTTGTCTGATTTACAG	1440
Qy	2533	AAACAAATTCAGTGAATTTCTTGACAGCTCAAGTGGGAAAAAGATGAAGCAACAAGTTAGA	2592
Db	1441	AAACAAATTCAGTGAATTTCTTGACAGCTCAAGTGGGAAAAAGATGAAGCAACAAGTTAGA	1500
Qy	2593	GAGAGAAAACTCCAAGAAAGAAATGGCTCTGACCAAGAGAAAACTGGCAACTGGACAAGAA	2652
Db	1501	GAGAGAAAACTCCAAGAAAGAAATGGCTCTGACCAAGAGAAAACTGGCAACTGGACAAGAA	1560
Qy	2653	GAGTTTCAGGAGCGCTGTGAGAGAGCCCTTGGAAAGCAAGAAATGAATTTTGTATGAAGGCAA	2712
Db	1561	GAGTTTCAGGAGCGCTGTGAGAGAGCCCTTGGAAAGCAAGAAATGAATTTTGTATGAAGGCAA	1620
Qy	2713	CATGAAGCAAGATCCAGCAAAATGGAGAAATTCACATTTTTCGCAAGAAATCTAAAA	2772
Db	1621	CATGAAGCAAGATCCAGCAAAATGGAGAAATTCACATTTTTCGCAAGAAATCTAAAA	1680
Qy	2773	AGTATGGAGGAAATCCAAGGCTTACAGATCTCCAACCTTCAGGAAGCTGATGAAGAGAAAG	2832
Db	1681	AGTATGGAGGAAATCCAAGGCTTACAGATCTCCAACCTTCAGGAAGCTGATGAAGAGAAAG	1740
Qy	2833	GAGAGAAATTTGCGCCCAACTCCAGAGTTAGAGAAAAAGAAAACTTTGAAGATGCCCCAA	2892
Db	1741	GAGAGAAATTTGCGCCCAACTCCAGAGTTAGAGAAAAAGAAAACTTTGAAGATGCCCCAA	1800
Qy	2893	TCTCAGGAGCAAGTTTGTGTTTAGATAAAGAACTGAGAAAACTAAAGAAAGCCGTGGCC	2952
Db	1801	TCTCAGGAGCAAGTTTGTGTTTAGATAAAGAACTGAGAAAACTAAAGAAAGCCGTGGCC	1860
Qy	2953	ACCTCTGAATAGCTAGCCACAGCTGAGCTCACATTTGCCAAAGACAGCTGAAAGTCCCTT	3012
Db	1861	ACCTCTGAATAGCTAGCCACAGCTGAGCTCACATTTGCCAAAGACAGCTGAAAGTCCCTT	1920
Qy	3013	CATGGAACCTGTTATGAAAAATTAACAGGAGCGAGAGAGTTGCAAGGAAGCAGAGAGG	3072
Db	1921	CATGGAACCTGTTATGAAAAATTAACAGGAGCGAGAGAGTTGCAAGGAAGCAGAGAGG	1980
Qy	3073	TTCAAGCAAGAGCGACACAGCAGCCAGAGATCTCACCCGAGCAGAGCTGAGATCGAA	3132
Db	1981	TTCAAGCAAGAGCGACACAGCAGCCAGAGATCTCACCCGAGCAGAGCTGAGATCGAA	2040
Qy	3133	CTCCTCGAATCTCTCAGGCAAGAGGGGAGCAGTTTCGACTTGAGATGGAGAAACA	3192
Db	2041	CTCCTCGAATCTCTCAGGCAAGAGGGGAGCAGTTTCGACTTGAGATGGAGAAACA	2100
Qy	3193	GGTGTAGGTACTGGAGCAAACTCACAGGCTCTAGAAATTTGAGAAATCTGAAATGAGACAATG	3252


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; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 287600
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-11-266-748A-287600

Query Match      8.3%; Score 576; DB 8; Length 1000;
Best Local Similarity 100.0%; Pred. No. 7.1e-135;
Matches 576; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6403 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 6462
DB 1 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 60

QY 6463 GATGCAATGAGGACATTAATCTGAGTGAAGATGAAATCAGAACAGCTTGAAGAAT 6522
DB 61 GATGCAATGAGGACATTAATCTGAGTGAAGATGAAATCAGAACAGCTTGAAGAAT 120

QY 6523 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAAGCTATTTTGGAAAGAAACGAA 6582
DB 121 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAAGCTATTTTGGAAAGAAACGAA 180

QY 6583 AACCTAGAAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 6642
DB 181 AACCTAGAAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 240

QY 6643 CTTTTCAGAAAGAACTGAACTTTCCCAAGTTCACATATGATGAACTGCGGTGGA 6702
DB 241 CTTTTCAGAAAGAACTGAACTTTCCCAAGTTCACATATGATGAACTGCGGTGGA 300

QY 6703 GAAGCACTCCGGGAGAACTGCGTCACCGGAGAACCGACTCAAGGCCCAACTCCGACAC 6762
DB 301 GAAGCACTCCGGGAGAACTGCGTCACCGGAGAACCGACTCAAGGCCCAACTCCGACAC 360

QY 6763 TGTATGTCCAAGCAAGCAGAGATTAATTAAGAAAGCGGAGAGACAGAGGGGCACTTTTA 6822
DB 361 TGTATGTCCAAGCAAGCAGAGATTAATTAAGAAAGCGGAGAGACAGAGGGGCACTTTTA 420

QY 6823 CACAGTTTGAAGAGACAAAGTAGATGCTTTTAGGGGAATTTGTCACCAGCACCTCTGCAGAT 6882
DB 421 CACAGTTTGAAGAGACAAAGTAGATGCTTTTAGGGGAATTTGTCACCAGCACCTCTGCAGAT 480

QY 6883 TCAGCGTCATCACCCAGTCTGTCTCAGCTGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 6942
DB 481 TCAGCGTCATCACCCAGTCTGTCTCAGCTGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 540

QY 6943 GGACAAATCAGGAAAGAAATGCCTCAGCCAGATGA 6978
DB 541 GGACAAATCAGGAAAGAAATGCCTCAGCCAGATGA 576
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RESULT 6
US-11-266-748A-339029/c
; Sequence 339029, Application US/11266748A
; Publication No. US20060134663A1

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; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; FILE REFERENCE: 5815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: Patent in version 3.3
; SEQ ID NO 339029
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-11-266-748A-339029
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Query Match      8.3%; Score 576; DB 8; Length 1000;
Best Local Similarity 100.0%; Pred. No. 7.1e-135;
Matches 576; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6403 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 6462
DB 1000 GAGCTCAAGAAACAGATGGCAAAACCAAAAGATTGGAGAGAGACAAATGGAATCAGT 941

QY 6463 GATGCAATGAGGACATTAATCTGAGTGAAGATGAAATCAGAACAGCTTGAAGAAT 6522
DB 940 GATGCAATGAGGACATTAATCTGAGTGAAGATGAAATCAGAACAGCTTGAAGAAT 881

QY 6523 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAAGCTATTTTGGAAAGAAACGAA 6582
DB 880 CTTAATCAGTTCTTCCAGAACTACAGCAGATCTAGAAGCTATTTTGGAAAGAAACGAA 821

QY 6583 AACCTAGAAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 6642
DB 820 AACCTAGAAGAGAAATTTGGAAGCTTGAAGAGAACCTTCCATTACCATGAATGAGGGA 761

QY 6643 CTTTTCAGAAAGAACTGAACTTTTCCCAAGTTCACATATGATGAACTGCGGTGGA 6702
DB 760 CTTTTCAGAAAGAACTGAACTTTTCCCAAGTTCACATATGATGAACTGCGGTGGA 701

QY 6703 GAAGCACTCCGGGAGAACTGCGTCACCGGAGAACCGACTCAAGGCCCAACTCCGACAC 6762
DB 700 GAAGCACTCCGGGAGAACTGCGTCACCGGAGAACCGACTCAAGGCCCAACTCCGACAC 641

QY 6763 TGTATGTCCAAGCAAGCAGAGATTAATTAAGAAAGCGGAGAGACAGAGGGGCACTTTTA 6822
DB 640 TGTATGTCCAAGCAAGCAGAGATTAATTAAGAAAGCGGAGAGACAGAGGGGCACTTTTA 581

QY 6823 CACAGTTTGAAGAGACAAAGTAGATGCTTTTAGGGGAATTTGTCACCAGCACCTCTGCAGAT 6882
DB 580 CACAGTTTGAAGAGACAAAGTAGATGCTTTTAGGGGAATTTGTCACCAGCACCTCTGCAGAT 521

QY 6883 TCAGCGTCATCACCCAGTCTGTCTCAGCTGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 6942
DB 520 TCAGCGTCATCACCCAGTCTGTCTCAGCTGAGTCTTCCCTCACAGAGGAGCTCTCAACTT 461
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QY	5943	GGACAAAATCAGGAAAAGAAATGCCTCAGCCAGATGA	6978
Db	460	GGACAAAATCAGGAAAAGAAATGCCTCAGCCAGATGA	425

RESULT 7

US-11-266-748A-398335

; Sequence 398335, Application US/11266748A

; Publication No. US20060134663A1

; GENERAL INFORMATION:

; APPLICANT: Harkin, Paul

; APPLICANT: Johnston, Patrick

; APPLICANT: Mulligan, Karl

; TITLE OF INVENTION: Transcriptome Microarray Technology and

; TITLE OF INVENTION: Methods of Using the Same

; FILE REFERENCE: 55815-0102 (319189)

; CURRENT APPLICATION NUMBER: US/11/266,748A

; CURRENT FILING DATE: 2005-11-03

; PRIOR APPLICATION NUMBER: EP 04105479.2

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105482.6

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105483.4

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105507.0

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105485.9

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105484.2

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: US 60/662,276

; PRIOR FILING DATE: 2005-03-14

; PRIOR APPLICATION NUMBER: US 60/700,293

; PRIOR FILING DATE: 2005-07-18

; NUMBER OF SEQ ID NOS: 483996

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 398335

; LENGTH: 1000

; TYPE: DNA

; ORGANISM: Homo Sapiens

US-11-266-748A-398335

Query Match	8.3%	Score 576;	DB 8;	Length 1000;
Best Local Similarity	100.0%;	Prod. No. 7.1e-135;		
Matches 576;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	6403	GAGCTCAAGAAAACAGATGGCGAACCCAAAAAGATTGGGAGAGAGACAAATGGAAATCAGT	6462	
Db	1	GAGCTCAAGAAAACAGATGGCGAACCCAAAAAGATTGGGAGAGAGACAAATGGAAATCAGT	60	
Qy	6463	GATGCAATGAGGACACTTAAATCTGAGGTGAAGGATGAATTCAGAACCGACTGTTGAAGAAT	6522	
Db	61	GATGCAATGAGGACACTTAAATCTGAGGTGAAGGATGAATTCAGAACCGACTTGAAGAAT	120	
Qy	6523	CTTAAATCAGTTCTTTCAGAGACTACACAGCAGATCTAGAAGCTATTTTGGAAACGAAACGAA	6582	
Db	121	CTTAAATCAGTTCTTTCAGAGACTACACAGCAGATCTAGAAGCTATTTTGGAAACGAAACGAA	180	
Qy	6583	AACCTAGAAGGAGAAATTTGAAAAGCTTTGAAAGAGAACCTTCCATTTACCATGAAATGAGGGA	6642	
Db	181	AACCTAGAAGGAGAAATTTGAAAAGCTTTGAAAGAGAACCTTCCATTTACCATGAAATGAGGGA	240	
Qy	6643	CCTTTTGAAGAAAACTGAACTTTTCCAGTTTCACATAATGATGAACTGAACTGGCGTGA	6702	
Db	241	CCTTTTGAAGAAAACTGAACTTTTCCAGTTTCACATAATGATGAACTGAACTGGCGTGA	300	
Qy	6703	GAAGCACTCCGGGAGAAAACCTGCGTCAACCGGGAAGACCCGACTCAAGGCCCAACTCCGCACAC	6762	
Db	301	GAAGCACTCCGGGAGAAAACCTGCGTCAACCGGGAAGACCCGACTCAAGGCCCAACTCCGCACAC	360	
Qy	6763	TGTAATGCCAAGCAAGCAGAAAGTATTAATTAAGGAAAGCGGACAGCAGAGGGCACTTTTA	6822	
Db	361	TGTAATGCCAAGCAAGCAGAAAGTATTAATTAAGGAAAGCGGACAGCAGAGGGCACTTTTA	420	

Qy	6823	CACAGTTTGAGGAGACAAAGTAGTGTCTTATAGGGGAATTGGTACACGACCACTCTGCAGAT	6882
Db	421	CACAGTTTGAGGAGACAAAGTAGTGTCTTATAGGGGAATTGGTACACGACCACTCTGCAGAT	480
Qy	6883	TCAGCGTCATCAACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCAGAGGACTCTCAACTT	6942
Db	481	TCAGCGTCATCAACCCAGTCTGTCTCAGCTGGAGTCTTCCCTCAGAGGACTCTCAACTT	540
Qy	6943	GGACAAAATCAGGAAAGAAGTGCCTCAGCCAGCATGA	6978
Db	541	GGACAAAATCAGGAAAGAAGTGCCTCAGCCAGCATGA	576

RESULT 8

US-11-266-748A-469381/c

; Sequence 469381, Application US/11266748A

; Publication No. US20060134663A1

; GENERAL INFORMATION:

; APPLICANT: Harkin, Paul

; APPLICANT: Johnston, Patrick

; APPLICANT: Mulligan, Karl

; TITLE OF INVENTION: Transcriptome Microarray Technology and

; TITLE OF INVENTION: Methods of Using the Same

; FILE REFERENCE: 5815-0102 (319189)

; CURRENT APPLICATION NUMBER: US/11/266,748A

; CURRENT FILING DATE: 2005-11-03

; PRIOR APPLICATION NUMBER: EP 04105479.2

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105482.6

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105483.4

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105507.0

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105485.9

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: EP 04105484.2

; PRIOR FILING DATE: 2004-11-03

; PRIOR APPLICATION NUMBER: US 60/562,276

; PRIOR FILING DATE: 2005-03-14

; PRIOR APPLICATION NUMBER: US 60/700,293

; PRIOR FILING DATE: 2005-07-18

; NUMBER OF SEQ ID NOS: 483996

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 469381

; LENGTH: 1000

; TYPE: DNA

; ORGANISM: Homo Sapiens

US-11-266-748A-469381

	Query Match	8.3%;	Score 576;	DB 8;	Length 1000;
	Best Local Similarity	100.0%;	Pred. No. 7.1e-135;		
	Matches 576;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	6403	GAGCTCAAGAAACAGATGCGAAACCAAAAAGATTTCGAGAGAGACAAATGGAAATCAGT	6462		
Db	1000	GAGCTCAAGAAACAGATGGCAACCAAAAAGATTTCGAGAGAGACAAATGGAAATCAGT	941		
Qy	6463	GATGCAATGAGGACACTTAAATCTGAGGTGAAGGATGAAATCAGAACCGACTTTGAAGAAT	6522		
Db	940	GATGCAATGAGGACACTTAAATCTGAGGTGAAGGATGAAATCAGAAACCGACTTTGAAGAAT	881		
Qy	6523	CTTAAATCAGTTCTTCAGNACTACAGCAGATCTAGAGCTATTTTGGNAAACGAACGAA	6582		
Db	880	CTTAAATCAGTTCTTCGAAACTACCAGCAGATCTAGAGCTATTTTGGNAAACGAACGAA	821		
Qy	6583	AACCTAGAGGAGAAATTGGAAAGCTTTGAAAGAAACCTTTCCATTACCATGAATGAGGGA	6642		
Db	820	AACCTAGAGGAGAAATTGGNAGCTTTGAAAGAAACCTTTCCATTACCATGAATGAGGGA	761		
Qy	6643	CTTTTGGAGAAACCTGAACCTTTTCCCAGTTTCACATAATGGATGAAACACTCGCGTGGG	6702		

Db 760 CCTTTTGAAGAAAAAAGTGAACCTTTTCCCAAGTTTACATATGATGAACACTGGCGTGA 701
Qy 6703 GAACACTCCGGGAGAACTCGTCAACGGGAAGACCGACTCAAGGCCCAACTCCGACAC 6762
Db 700 GAACACTCCGGGAGAACTCGTCAACGGGAAGACCGACTCAAGGCCCAACTCCGACAC 641
Qy 6763 TGTATGTCGAAGCAAGCAGAAAGTATTAAATTAAGGAAGCGGCAGACAGAGGGCACTTTA 6822
Db 640 TGTATGTCGAAGCAAGCAGAAAGTATTAAATTAAGGAAGCGGCAGACAGAGGGCACTTTA 581
Qy 6823 CACAGTTTGAAGGACAGAAAGTATGCTTTTGAAGGAATTTGGTCAACAGCACTCTGCGAGAT 6882
Db 580 CACAGTTTGAAGGACAGAAAGTATGCTTTTGAAGGAATTTGGTCAACAGCACTCTGCGAGAT 521
Qy 6883 TCAGCGTCATCACCCAGTCTGCTCAGCTGAGTCTTCCCTCACAGAGGACTCTCAACTT 6942
Db 520 TCAGCGTCATCACCCAGTCTGCTCAGCTGAGTCTTCCCTCACAGAGGACTCTCAACTT 461
Qy 6943 GGACAAAATCAGGAAGAAAGATGCCCTCAGCCAGATGA 6978
Db 460 GGACAAAATCAGGAAGAAAGATGCCCTCAGCCAGATGA 425

RESULT 9
US-11-266-748A-60629/c
; Sequence 60629, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266, 748A
; PRIOR FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 48396
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60629
; LENGTH: 520
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-60629

Query Match 4.2%; Score 292.6; DB 8; Length 520;
Best Local Similarity 97.8%; Pred. No. 1.8e-63;
Matches 308; Conservative 0; Mismatches 4; Indels 3; Gaps 1;

Qy 998 AATTGCTTAAACAGAGACCATAGAAATTAACAGGACATGTCAAGAGCAATATGAGCTGG 1057
Db 312 ATTGGCTTAAACAGAGACCATAGAAATTAACAGGACATGTCAAGAGCAATATGAGCTGG 253

Qy 1058 AACAGGAATTTGGCTTTTATAAAATTTGATGCTTAAATTTGAGCCCACTAAATTTATTCAT 1117
Db 252 AACAGGAATTTGGCTTTTATAAAATTTGATGCTTAAATTTGAGCCCACTAAATTTATTCAT 193

Qy 1118 CAGAGTATGCTGAAATTTGATAAAGCCCAAGATGAAGCCCTTACATTTGGCAATCCAGAT 1177
Db 192 CAGAGTATGCTGAAATTTGATAAAGCCCAAGATGAAGCCCTTACATTTGGCAATCCAGAT 133

Qy 1178 ACAAGAGAATATGTTTGGCCACAGAGAGTTATTTTACAGAGTGTCTCAGGCGATCAGAGA 1237
Db 132 AC---AGAAATATGTTTGGCCACAGAGAGTTATTTATTGACAGTGTCTCAGGCGATCAGAGA 76

Db 192 CAGAGTATGCTGAAATTTGATAAAGCCCAAGATGAAGCCCTTACATTTGGCAATCCAGAT 133
Qy 1178 ACAAGAGAATATGTTTGGCCACAGAGAGTTATTTATTGACAGTGTCTCAGGCGATCAGAGA 1237
Db 132 AC---AGAAATATGTTTGGCCACAGAGAGTTATTTATTGACAGTGTCTCAGGCGATCAGAGA 76
Qy 1238 TCAAGAAGATGGAGCCAGATGAACAACTTAGAATATGATCATGAATTTGAGAGGCCACA 1297
Db 75 TCAAGAAGATGGAGCCAGATGAACAACTTAGAATATGATCATGAATTTGAGAGGCCACA 16
Qy 1298 CACCACCTGGACACGC 1312
Db 15 CACCACCTGGAAACGC 1

RESULT 10
US-11-266-748A-212659/c
; Sequence 212659, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266, 748A
; PRIOR FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 48396
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 212659
; LENGTH: 520
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-212659

Query Match 4.2%; Score 292.6; DB 8; Length 520;
Best Local Similarity 97.8%; Pred. No. 1.8e-63;
Matches 308; Conservative 0; Mismatches 4; Indels 3; Gaps 1;

Qy 998 AATTGCTTAAACAGAGACCATAGAAATTAACAGGACATGTCAAGAGCAATATGAGCTGG 1057
Db 312 ATTGGCTTAAACAGAGACCATAGAAATTAACAGGACATGTCAAGAGCAATATGAGCTGG 253

Qy 1058 AACAGGAATTTGGCTTTTATAAAATTTGATGCTTAAATTTGAGCCCACTAAATTTATTCAT 1117
Db 252 AACAGGAATTTGGCTTTTATAAAATTTGATGCTTAAATTTGAGCCCACTAAATTTATTCAT 193

Qy 1118 CAGAGTATGCTGAAATTTGATAAAGCCCAAGATGAAGCCCTTACATTTGGCAATCCAGAT 1177
Db 192 CAGAGTATGCTGAAATTTGATAAAGCCCAAGATGAAGCCCTTACATTTGGCAATCCAGAT 133

Qy 1178 ACAAGAGAATATGTTTGGCCACAGAGAGTTATTTTACAGAGTGTCTCAGGCGATCAGAGA 1237
Db 132 AC---AGAAATATGTTTGGCCACAGAGAGTTATTTATTGACAGTGTCTCAGGCGATCAGAGA 76

QY 1238 TCAGAGATGGAGCCAGATGAACAACTTAGAATGATCAATGAATTCAGAGGCCACA 1297
Db 75 TCAAGAGATGGAGCCAGATGAACAACTTAGAATGATCAATGAATTCAGAGGCCACA 16
QY 1298 CACCAGTGGACACGC 1312
Db 15 CACCAGTGGAAACGC 1

RESULT 11

US-11-266-748A-236039
; Sequence 236039, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 236039
; LENGTH: 520
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-236039

Query Match 4.2%; Score 292.6; DB 8; Length 520;
Best Local Similarity 97.8%; Pred. No. 1.8e-63;
Matches 308; Conservative 0; Mismatches 4; Indels 3; Gaps 1;
QY 998 AATTGCTAAACAGAGACCACTAGAAATTAACACGAGCATGTGAGAAGCAATATGAGCTGG 1057
Db 209 ATTGCTAAACAGAGACCACTAGAAATTAACACGAGCATGTGAGAAGCAATATGAGCTGG 268
QY 1058 AACAGGAATGGCCCTTTTATAAAATTGATGCTAAATTTGAGCCACTAAATTTATCCAT 1117
Db 269 AACAGGAATGGCCCTTTTATAAAATTGATGCTAAATTTGAGCCACTAAATTTATCCAT 328
QY 1118 CAGAGTATGCTGAATTCGATAAAGCCAGATGAAGCCCTTTACATTTGGCAAAATCCAGAT 1177
Db 329 CAGAGTATGCTGAATTCGATAAAGCCAGATGAAGCCCTTTACATTTGGCAAAATCCAGAT 388
QY 1178 ACAAGAGAAATATGTTTGCCACAGAGATTTATATTTAGCAGTGTCTCAGCAGTACAGA 1237
Db 389 AC---AGAAATATGTTTGCCACAGAGATTTATATTTAGCAGTGTCTCAGCAGTACAGA 445
QY 1238 TCAGAGATGGAGCCAGATGAACAACTTAGAATGATCAATGAATTCAGAGGCCACA 1297
Db 446 TCAAGAGATGGAGCCAGATGAACAACTTAGAATGATCAATGAATTCAGAGGCCACA 505
QY 1298 CACCAGTGGACACGC 1312
Db 506 CACCAGTGGAAACGC 520

RESULT 12

US-11-266-748A-54169
; Sequence 54169, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and
; TITLE OF INVENTION: Methods of Using the Same
; FILE REFERENCE: 55815-0102 (319189)
; CURRENT APPLICATION NUMBER: US/11/266,748A
; CURRENT FILING DATE: 2005-11-03
; PRIOR APPLICATION NUMBER: EP 04105479.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105482.6
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105483.4
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105507.0
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105485.9
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 54169
; LENGTH: 683
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-54169

Query Match 4.1%; Score 285; DB 8; Length 683;
Best Local Similarity 100.0%; Pred. No. 1.8e-61;
Matches 285; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 6694 TGGGTGGAGAGACACTCCGGGAGAAACTCGTCACCGGAGAACCGACTCAAGGCCCAA 6753
Db 1 TGGGTGGAGAGACACTCCGGGAGAAACTCGTCACCGGAGAACCGACTCAAGGCCCAA 60
QY 6754 CTCGACACTGTATGTCTCAAGCAGCAGAAAGTATTAATTAAGGAAAGCGGCAGACAG 6813
Db 61 CTCGACACTGTATGTCTCAAGCAGCAGAAAGTATTAATTAAGGAAAGCGGCAGACAG 120
QY 6814 GGCACTTTACAGAGTTGAGGAGACAAAGTAGAGTCTTTAGGGGAATTTGGTCACAGCACC 6873
Db 121 GGCACTTTACAGAGTTGAGGAGACAAAGTAGAGTCTTTAGGGGAATTTGGTCACAGCACC 180
QY 6874 TCTGCAGATTCAGGTCATCACCAGTCTCTCAGCTGAGTCTTCCCTCAGAGAGGAC 6933
Db 181 TCTGCAGATTCAGGTCATCACCAGTCTCTCAGCTGAGTCTTCCCTCAGAGAGGAC 240
QY 6934 TCTCAACTTGGCAAAATCAGGAAAGAAATGCCTCAGCCAGATGA 6978
Db 241 TCTCAACTTGGCAAAATCAGGAAAGAAATGCCTCAGCCAGATGA 285

RESULT 13

US-11-266-748A-87312
; Sequence 87312, Application US/11266748A
; Publication No. US20060134663A1
; GENERAL INFORMATION:
; APPLICANT: Harkin, Paul
; APPLICANT: Johnston, Patrick
; APPLICANT: Mulligan, Karl
; TITLE OF INVENTION: Transcriptome Microarray Technology and

Query Match 2.7%; Score 190; DB 8; Length 626;
Best Local Similarity 99.5%; Pred. No. 1.7e-37;
Matches 201; Conservative 0; Mismatches 0; Indels

6777	Qy	AGCAGAAGTATTAAATTTAAAGGAAAGCGGCAGACAGAGGGCAGCTTTTACACAGTTTGAGGAG	6836
626	Db	AGCAGAAGTATTAAATTTAAAGGAAAGCGGCAGACAGAGGGCAGCTTTTACACAGTTTGAGGAG	567
6837	Qy	ACAAAGTAGATGCTTTTAGGGGAAATGGTGCACACAGCAGCCTCTGCAGATTTACAGCGTCATCACC	6896
566	Db	ACAAAGTAGATGCTTTTAGGGGAA-TGGTCACACAGCAGCCTCTGCAGATTTACAGCGTCATCACC	508
6897	Qy	CAGTCTGTCTCAGCTGGAGTCTTTCCCTCACAGAGGAGCTCTCAAATTGGACAAATCAGGA	6956
507	Db	CAGTCTGTCTCAGCTGGAGTCTTTCCCTCACAGAGGAGCTCTCAAATTGGACAAATCAGGA	448
6957	Qy	AAAGAAATGCCTCAGCCAGATGA	6978
447	Db	AAAGAAATGCCTCAGCCAGATGA	426

RESULT 15
US-11-266-748A-271052/c
Sequence 271052, Application US/11266748A
Publication No. US20060134663A1
GENERAL INFORMATION:
APPLICANT: Harkin, Paul
APPLICANT: Johnston, Patrick
APPLICANT: Mulligan, Karl
TITLE OF INVENTION: Transcryptome Microarray Technology and
TITLE OF INVENTION: Methods of Using the Same
FILE REFERENCE: 55815-0102 (319189)
CURRENT APPLICATION NUMBER: US/11/266, 748A
CURRENT FILING DATE: 2005-11-03
PRIOR APPLICATION NUMBER: EP 04105479.2
PRIOR FILING DATE: 2004-11-03
PRIOR APPLICATION NUMBER: EP 04105482.6
PRIOR FILING DATE: 2004-11-03
PRIOR APPLICATION NUMBER: EP 04105483.4
PRIOR FILING DATE: 2004-11-03
PRIOR APPLICATION NUMBER: EP 04105507.0
PRIOR FILING DATE: 2004-11-03
PRIOR APPLICATION NUMBER: EP 04105485.9
PRIOR FILING DATE: 2004-11-03

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; PRIOR APPLICATION NUMBER: EP 04105484.2
; PRIOR FILING DATE: 2004-11-03
; PRIOR APPLICATION NUMBER: US 60/662,276
; PRIOR FILING DATE: 2005-03-14
; PRIOR APPLICATION NUMBER: US 60/700,293
; PRIOR FILING DATE: 2005-07-18
; NUMBER OF SEQ ID NOS: 483996
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 271052
; LENGTH: 544
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-11-266-748A-271052
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Query Match      2.4%; Score 166.2; DB 8; Length 544;
Best Local Similarity 97.3%; Pred. NO. 1.6e-31;
Matches 180; Conservative 0; Mismatches 3; Indels 2; Gaps 1;

Qy 2687 CAAGAATGAATTTTGTATGAAGAGGCAACATGAAGCAAGAAATCCAGCAAAATGGAGAAATGAAA 2746
Db 484 CACAGATGAATTTTGTATA--AGGCAACATGAAGCAAGAAATCCAGCAAAATGGAGAAATGAAA 427

Qy 2747 TTCATATTTGCAAGAAATCTAAAAAGTATGGAGGAAATCCAAAGGCCTTACAGATCTCC 2806
Db 426 TTCATATTTGCAAGAAATCTAAAAAGTATGGAGGAAATCCAAAGGCCTTACAGATCTCC 367

Qy 2807 AACTTCAGGAAGCTGATGAAGAGAGGAGAGAAATTCGGCCCAACTCCGAGAGTTAGAGA 2866
Db 366 AACTTCAGGAAGCTGATGAAGAGAGGAGAGAAATTCGGCCCAACTCCGAGAGTTAGAGA 307

Qy 2867 AAAAG 2871
Db 306 AAAAG 302
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Search completed: September 1, 2006, 20:49:13
Job time : 1123 secs

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	6978	100.0	6978	8	US-10-663-433-1	Sequence 1, Appli
2	6978	100.0	7433	9	US-10-723-860-1449	Sequence 1449, Ap
3	5466.8	78.3	8452	7	US-10-240-145-102	Sequence 102, App
4	5466.8	78.3	8452	10	US-10-291-128-102	Sequence 102, App
5	5300.8	76.0	6244	9	US-10-723-860-5904	Sequence 5904, Ap
6	2873.6	41.2	3044	7	US-10-108-260A-2049	Sequence 2049, Ap
7	2403.2	34.4	2631	7	US-10-104-047-52	Sequence 52, Appli
8	2403.2	34.4	2631	16	US-11-072-512-52	Sequence 52, Appli
9	1332.8	19.1	1888	7	US-10-240-145-16	Sequence 16, Appli
10	1332.8	19.1	1888	10	US-10-291-128-16	Sequence 16, Appli
11	922.2	13.2	3048	8	US-10-450-763-4627	Sequence 4627, Ap
12	912.8	13.1	916	8	US-10-296-115-187	Sequence 187, App
13	531.8	7.6	667	10	US-10-779-543-8675	Sequence 8675, Ap
14	434.8	6.2	464	3	US-09-796-632-5887	Sequence 5887, Ap
15	434.8	6.2	464	6	US-10-040-862-5887	Sequence 5887, Ap
16	434.8	6.2	464	7	US-10-057-475B-5887	Sequence 5887, Ap
17	434.8	6.2	464	7	US-10-154-884B-5887	Sequence 5887, Ap

DBb 121 TCAGAGACTCTACCTTTTTCATTCTGGAGGACAGTGGTGTGAGCAAAATTGAGATTGCAGAT 180

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	6978	100.0	6978	8	US-10-663-433-1	Sequence 1, Appli
2	6978	100.0	7433	9	US-10-723-860-1449	Sequence 1449, Ap
3	5466.8	78.3	8452	7	US-10-240-145-102	Sequence 102, App
4	5466.8	78.3	8452	10	US-10-291-128-102	Sequence 102, App
5	5300.8	76.0	6244	9	US-10-723-860-5904	Sequence 5904, Ap
6	2873.6	41.2	3044	7	US-10-108-260A-2049	Sequence 2049, Ap
7	2403.2	34.4	2631	7	US-10-104-047-52	Sequence 52, Appli
8	2403.2	34.4	2631	16	US-11-072-512-52	Sequence 52, Appli
9	1332.8	19.1	1888	7	US-10-240-145-16	Sequence 16, Appli
10	1332.8	19.1	1888	10	US-10-291-128-16	Sequence 16, Appli
11	922.2	13.2	3048	8	US-10-450-763-4627	Sequence 4627, Ap
12	912.8	13.1	916	8	US-10-296-115-187	Sequence 187, App
13	531.8	7.6	667	10	US-10-779-543-8675	Sequence 8675, Ap
14	434.8	6.2	464	3	US-09-796-632-5887	Sequence 5887, Ap
15	434.8	6.2	464	6	US-10-040-862-5887	Sequence 5887, Ap
16	434.8	6.2	464	7	US-10-057-475B-5887	Sequence 5887, Ap
17	434.8	6.2	464	7	US-10-154-884B-5887	Sequence 5887, Ap

181 GAAAAAATATGCTTTTGGAGCTATCAAGACCAATAAGGAGCTGATTCACATGACGAGGTT 240
241 AGATATATTAACAGAGCCCTCATTAATAAACTTTACTATAACAGAGATTAATTTGGCTTTGATA 300
241 AGATATATTAACAGAGCCCTCATTAATAAACTTTACTATAACAGAGATTAATTTGGCTTTGATA 300
301 AATCTCTGAACCTTTCACTTTCTTAAGACGGTGGCAAGAAATTTAAGTATATTTAGAAAT 360
301 AATCTCTGAACCTTTCACTTTCTTAAGACGGTGGCAAGAAATTTAAGTATATTTAGAAAT 360
361 TTGAAAAATATGCTTAAACTTTGAAGTACTGAATCTCAGCTATATTAATCTAATAGGAAAGATT 420
361 TTGAAAAATATGCTTAAACTTTGAAGTACTGAATCTCAGCTATATTAATCTAATAGGAAAGATT 420
421 GAAAAATTTGGACAGCTGTAAATAATACGTGAATCTCAACTTATCAATAACAAAAATCAGC 480
421 GAAAAATTTGGACAGCTGTAAATAATACGTGAATCTCAACTTATCAATAACAAAAATCAGC 480
481 AAAAAATTTGAAGGCAATAGAAAAATATGCTAATCTGCAAAAGCTTAACTTTCGAGGAATGAA 540
481 AAAAAATTTGAAGGCAATAGAAAAATATGCTAATCTGCAAAAGCTTAACTTTCGAGGAATGAA 540
541 ATTGACATATTCAGTATGCTTTAGGGAAGAGTTAAATCTTTGGAGTCTCAATTTG 600
541 ATTGACATATTCAGTATGCTTTAGGGAAGAGTTAAATCTTTGGAGTCTCAATTTG 600
601 AAAGGCAACAAGATATCATCGCTCCAGATATAAGCAAGTTGAAACCGCTTCAAGATTTG 660
601 AAAGGCAACAAGATATCATCGCTCCAGATATAAGCAAGTTGAAACCGCTTCAAGATTTG 660
661 ATTCTCTGATCTTGAATATGCAATTCAGTTGCAACCTTCTCATTTACCTCCAGTTTACC 720
661 ATTCTCTGATCTTGAATATGCAATTCAGTTGCAACCTTCTCATTTACCTCCAGTTTACC 720
721 ATTTTCCACTCCGTTTCAATTTGGAAGTTTGAAGGTCAGCAGTACCACTCAGGATAGA 780
721 ATTTTCCACTCCGTTTCAATTTGGAAGTTTGAAGGTCAGCAGTACCACTCAGGATAGA 780
781 CAGGAGGCTTTTGAAGATTCAGTTTGAAGAGGTTAGAAAGCTGGAAGAGACCTTAGAA 840
781 CAGGAGGCTTTTGAAGATTCAGTTTGAAGAGGTTAGAAAGCTGGAAGAGACCTTAGAA 840
841 AAAAAATGATAGAACTGAAGAGCTTTAGAGCAAACTAAAGGTTTCTTGAAGAAAT 900
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RESULT 2

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; GENERAL INFORMATION:

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; TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators

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; SOFTWARE: PatentIn version 3.2

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; LENGTH: 7433

; TYPE: DNA

; ORGANISM: Homo sapiens

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3212 ATGGAGAAACAGGTTAGTCTGAGCAAACTCACAGCTCTAGAAATTTAGAAACTG 3271
3241 AATGAGCAACTGGAAACGACAAAGGAGCAGAGATTTGCAAGGCTGCAGAAATGTACTAGACCTC 3300
3272 AATGAGCAACTGGAAACGACAAAGGAGCAGAGATTTGCAAGGCTGCAGAAATGTACTAGACCTC 3331
3301 ACTGGAAGTGAACAAAGAGGCTTTGAAATGTTTGAAGAAATTTGCTGAACTTCGA 3360
3332 ACTGGAAGTGAACAAAGAGGCTTTGAAATGTTTGAAGAAATTTGCTGAACTTCGA 3391
3361 CGTGAAGTTTCTTATCAGAAATGATTAACATAGCAGCATGSCAGATCTCTTCAAAAGACGA 3420
3392 CGTGAAGTTTCTTATCAGAAATGATTAACATAGCAGCATGSCAGATCTCTTCAAAAGACGA 3451
3421 GGCTATTTGCTACTTATATGCCACCAACCATCATCAAAAAGTTTCCAGCCATAGTTCCAG 3480
3452 GGCTATTTGCTACTTATATGCCACCAACCATCATCAAAAAGTTTCCAGCCATAGTTCCAG 3511
3481 GCCACCAAGGACTCTGGTGTGGCTTAAAGTACTCAGCTCAACTCTCTGTTAGAAACCA 3540
3512 GCCACCAAGGACTCTGGTGTGGCTTAAAGTACTCAGCTCAACTCTCTGTTAGAAACCA 3571
3541 CGCCCTGGGACAGCAGGATGGGAGGAGGAGCAGTCAACCTCCCTCCCTCAGGATACTGG 3600
3572 CGCCCTGGGACAGCAGGATGGGAGGAGGAGCAGTCAACCTCCCTCCCTCAGGATACTGG 3631
3601 GTTATTTCTCCCTCAGGAGTGGGTTACATAAATCTGTTTCCAAGTAGAGATGCAGACAGT 3660
3632 GTTATTTCTCCCTCAGGAGTGGGTTACATAAATCTGTTTCCAAGTAGAGATGCAGACAGT 3691
3661 GGAGGAGATGATGCAGAAAGAGAGTGGATGACCAAGAGAAACCCCTATTTGTCCT 3720
3692 GGAGGAGATGATGCAGAAAGAGAGTGGATGACCAAGAGAAACCCCTATTTGTCCT 3751

QY	3721	CCTCTGGATACATGATGTATATCTGTGCTTCTCTGATGTTCTCTGTATACCCAGGCGATG	3781
DB	3752	CCTCTGGATACATGATGTATCTGTGCTTCTCTGATGTTCTCTGTATACCCAGGCGATG	3811
QY	3781	GCCCTGTATGACACACCTCTCTCCCTTGGCCAAAACAATAGCCGACCTCTCACCCCTGGCACT	3840
DB	3812	GCCCTGTATGACACACCTCTCTCCCTTGGCCAAAACAATAGCCGACCTCTCACCCCTGGCACT	3871
QY	3841	GTTGTTTATGCGCCACCTCTCTGCTGGGGCCCCCATGTGTATGGGCTCTCACACCCCCCAAC	3900
DB	3872	GTTGTTTATGCGCCACCTCTCTGCTGGGGCCCCCATGTGTATGGGCTCTCACACCCCCCAAC	3931
QY	3901	TTCTCCATCCCTCTCATCCCTATGGGTGTGCTGCAATTGCCAAGCGTCCCTGAAACCCATAAC	3960
DB	3932	TTCTCCATCCCTCTCATCCCTATGGGTGTGCTGCAATTGCCAAGCGTCCCTGAAACCCATAAC	3991
QY	3961	TTAGAGAAATGAAGTTTCTAGATTAGAAGACATAATGACGACATTAAATCAAGAAGCGG	4020
DB	3992	TTAGAGAAATGAAGTTTCTAGATTAGAAGACATAATGACGACATTAAATCAAGAAGCGG	4051
QY	4021	GAAAGAAAGTGGATGAGAGCATCCAAGCGGCAGTCGGAGAAAGAAATGGAAGAACTGCAT	4080
DB	4052	GAAAGAAAGTGGATGAGAGCATCCAAGCGGCAGTCGGAGAAAGAAATGGAAGAACTGCAT	4111
QY	4081	CATAATATTGATGATCTTTTGCAGAGAAAGAAAAGCTTTAGAGTGTGAAGTAGAAGAATTAA	4140
DB	4112	CATAATATTGATGATCTTTTGCAGAGAAAGAAAAGCTTTAGAGTGTGAAGTAGAAGAATTAA	4171
QY	4141	CATAGAACTGTCCAGAAACGTCACAGCAAAGACCTTCATTGATGAAATTTGTAGAGAGT	4200
DB	4172	CATAGAACTGTCCAGAAACGTCACAGCAAAGACCTTCATTGATGAAATTTGTAGAGAGT	4231
QY	4201	CTTATGACTGAACTAGAAATAGAAAATCACTCAAACATCATGAAGATATTGTAGATGAA	4260
DB	4232	CTTATGACTGAACTAGAAATAGAAAATCACTCAAACATCATGAAGATATTGTAGATGAA	4291
QY	4261	ATTGAGTGCATTGAGAAAGACTCTTCTGAAAAGTCGCTCAGAGCTCAGGGGAAGCTGACCGA	4320
DB	4292	ATTGAGTGCATTGAGAAAGACTCTTCTGAAAAGTCGCTCAGAGCTCAGGGGAAGCTGACCGA	4351
QY	4321	CTCTGGCAGAGCTGAGAGTGAACTTTTCATGCACTAAAGAAAAGACAAAATATGCTGTT	4380
DB	4352	CTCTGGCAGAGCTGAGAGTGAACTTTTCATGCACTAAAGAAAAGACAAAATATGCTGTT	4411
QY	4381	GAAAGTTCTAGTATGCAAGAGAGTTTATTGCAAACTGAGTCAAGTCTGAGGAGATTAA	4440
DB	4412	GAAAGTTCTAGTATGCAAGAGAGTTTATTGCAAACTGAGTCAAGTCTGAGGAGATTAA	4471
QY	4441	GAAAGGAGAGCTCAGGAAAAGCTGCTGTTTAAACCTCGCTCAAAGCTGATCAGCAGCTAAGATCG	4500
DB	4472	GAAAGGAGAGCTCAGGAAAAGCTGCTGTTTAAACCTCGCTCAAAGCTGATCAGCAGCTAAGATCG	4531
QY	4501	CTCCAGGCTGATGCAAAAGATTTCGAGCAGCACAAAATCAAGCAAGAAGAAAATCTTTGAAA	4560
DB	4532	CTCCAGGCTGATGCAAAAGATTTCGAGCAGCACAAAATCAAGCAAGAAGAAAATCTTTGAAA	4591
QY	4561	GAAATPAAACAAAATTTAGCAGCAAAAGACTCAGACTTCCAAATGTTTAAAGCAAGAGAG	4620
DB	4592	GAAATPAAACAAAATTTAGCAGCAAAAGACTCAGACTTCCAAATGTTTAAAGCAAGAGAG	4651
QY	4621	GAAAACTGCAGAGAAGCTTTCAGAAAATCAGAAAAGACATAGAGATGGCAGAACCGCAAT	4680
DB	4652	GAAAACTGCAGAGAAGCTTTCAGAAAATCAGAAAAGACATAGAGATGGCAGAACCGCAAT	4711
QY	4681	GAGGATCACCACTGCAGGTCCTTTAAAGAAATCTGAGGTGCTTCTTCAGGCCAAAAGAGCC	4740
DB	4712	GAGGATCACCACTGCAGGTCCTTTAAAGAAATCTGAGGTGCTTCTTCAGGCCAAAAGAGCC	4771
QY	4741	GAGCTGGAAAAGCTGAAAAGCCAGGTGACAAAGTACAGCAGCAGGAGATGGCTGTCTTGGAC	4800
DB	4772	GAGCTGGAAAAGCTGAAAAGCCAGGTGACAAAGTACAGCAGCAGGAGATGGCTGTCTTGGAC	4831

QY	4801	AGGCAGTTTAGGGCATATAAAAGGAGGAGCTGCATCTACTCCAAAGAAAGCATGGTCCAGGCA	4865
DB	4832	AGGCAGTTTAGGGCATATAAAAGGAGGAGCTGCATCTACTCCAAAGAAAGCATGGTCCAGGCA	4891
QY	4861	AAAGCTGACCTCCAGGAAAGCTCTTGAGACTGGGAGAGACTCAAGCTAACTGAGAAAGTGC	4920
DB	4892	AAAGCTGACCTCCAGGAAAGCTCTTGAGACTGGGAGAGACTCAAGCTAACTGAGAAAGTGC	4951
QY	4921	CACATTAGGGAAGTAAATCTCTTCTGGAAAGAACTGAGTTTTCAGAAAGGAGAACTAAAT	4980
DB	4952	CACATTAGGGAAGTAAATCTCTTCTGGAAAGAACTGAGTTTTCAGAAAGGAGAACTAAAT	5011
QY	4981	GTTTCAGATTAGTGAAGAAAGAACTCAACTTACATTATAAGCAGGAGAAATTTGAAAGAG	5040
DB	5012	GTTTCAGATTAGTGAAGAAAGAACTCAACTTACATTATAAGCAGGAGAAATTTGAAAGAG	5071
QY	5041	GAAGAAATCTTCAGGTTGTTTTTAAGGCAGATGCTTAAACATATAACCCGAACTAAAGAT	5100
DB	5072	GAAGAAATCTTCAGGTTGTTTTTAAGGCAGATGCTTAAACATATAACCCGAACTAAAGAT	5131
QY	5101	ATTCTGACATGTTTGCAACTTTGAAACCACTGAGCTACAAGGTTTGAAGCTTACAACATGAC	5160
DB	5132	ATTCTGACATGTTTGCAACTTTGAAACCACTGAGCTACAAGGTTTGAAGCTTACAACATGAC	5191
QY	5161	CAAAAGGTTACTGAAATTTAGAGAAAGACTCAGGTGGCAGTGTAGAGGAGAAATCTGGAGTTA	5220
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DB	5372	TGTGTTGAGTGTGTGACAAAAGAAAGAAAGTCTCCAGAGAAATATGTGACATTTGGGAA	5431
QY	5401	AAAAAGTTGGCACAAACCAAAAGGGTTTTAGCAGCAGCAGAGAAATAGCAAAATCGAG	5460
DB	5432	AAAAAGTTGGCACAAACCAAAAGGGTTTTAGCAGCAGCAGAGAAATAGCAAAATCGAG	5491
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QY	5521	CTAAACAGAGACAAGTTGTCATCGTAAACGACATTTACAGCAATGCAACAGCAGCTCCAA	5580
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QY	5581	GAAGACGAGAGACGATTAATCACTGCGAGGAGAACTAGCTAATGTCCAAGACCATTTG	5640
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DB	5732	CAGACCCGACTCCAGAAAGGACATCAGTGAATGGGCAAAATAGGTTTGAAGACTGTTCAGAAA	5791
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DB	5792	GAAGAGGAGACAAAAACAAACAACTTCAAGTGTCTTCAAGTGTGAGATTGAGAGAAACAAG	5851
QY	5821	CTCAAACTAGTCCAAACAAAGAAATGATGTTTTTACAGACTCCAGAAAGAGAGAGAAAGTGAA	5880
DB	5852	CTCAAACTAGTCCAAACAAAGAAATGATGTTTTTACAGACTCCAGAAAGAGAGAGAAAGTGAA	5911
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Db 5972 GAATTAACAGACCAAGAAAGCAAACTGGACCAAGTCTCTCAAGAGTGTCTGGCAGCTGAA 6031
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Db 6992 AATGCTCTCAGCCAGATGA 7009
RESULT 3
US-10-240-145-102
; Sequence 102, Application US/10240145
; Publication No. US20030235883A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 21272-048
; CURRENT APPLICATION NUMBER: US/10/240,145
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: 09/668,680
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: 09/695,618
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 09/728,711
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: NOT YET ASSIGNED
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: Cuscom
; SEQ ID NO 102
; LENGTH: 8452
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-145-102

Query Match 78.3%; Score 5466.8; DB 7; Length 8452;
Best Local Similarity 93.5%; Pred. No. 0;
Matches 5909; Conservative 0; Mismatches 67; Indels 342; Gaps 6;

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QY 1957 TTCACAGAGTCCAGCAGGAGAGAGACCACTGCGAAATAGTTCGCCATGGATGCAGAAAT 2016
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QY 2017 ATGAGGAAGAGAGCTTGCAGAGCTAGAAAGTGCCCTTCCAAAGCAGCAGCATGAGGTGAATGCA 2076
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4478 GCCAGAGATCTCACCCGAGCAGAGCTGAGATCGAATCTCTCGAGAACTCTCTCAGGCAG 4537
3157 AAGGGGAGCAGTTTGCATTTGAGATGGAGAAACAGGTGATGTTACTGGAGCAAACTCA 3216
4538 AAGGGGAGCAGTTTGCATTTGAGATGGAGAAACAGGTGATGTTACTGGAGCAAACTCA 4597
3217 CAGGCTTAGAATTTGAGAACTGAAATGAGACATGGAACGACAAAGGACAGAGATTGCA 3276
4598 CAGGCTTAGAATTTGAGAACTGAAATGAGACATGGAACGACAAAGGACAGAGATTGCA 4657
3277 AGGCTGAGAACTGCTAGACCTCAGTGGAGGTGACAAAGAGAGCTTTGAAATGTT 3336
4658 AGGCTGAGAACTGCTAGACCTCAGTGGAGGTGACAAAGAGAGCTTTGAAATGTT 4717
3337 TTAGAGAAATTTGCTGAACCTTGACGCTGAGGTTTCTTATCAGAAATGATTACATAGCAGC 3396
4718 TTAGAGAAATTTGCTGAACCTTGACGCTGAGGTTTCTTATCAGAAATGATTACATAGCAGC 4777
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3457 AAAGTTTCCAGCCATAGTTCCAGGCGCCACCAAGGACTCTGTTGCGCTTAACTACTCA 3516
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3517 GCCTCAACTCTCTTGAAGAAACCAACGCTTGGCAGCAGGATGGGAGGAGGAGGAGTCAA 3576
4898 GCCTCAACTCTCTTGAAGAAACCAACGCTTGGCAGCAGGATGGGAGGAGGAGGAGTCAA 4957
3577 CTTCCCTCTGCTCAGGATCTGGGTTTATTTCTCCCATCAGGAGTGGGTTACATAAAGTG 3636
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5018 TTTCCAGTAGAGATCAGACAGTGGAGAGTAGTCAGAGAGAGTGGGTTGATGAC 5077
3697 CAAGAGAAACCCCTCTGCTCTCTGATGATGATGATGATGATGATGATGATGATGATGAT 3756
5078 CAAGAGAAACCCCTCTGCTCTCTGATGATGATGATGATGATGATGATGATGATGATGAT 5137
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5138 GGTCTCTGTTACCCAGGAGTGGCCCTGATGACACCTCTCTCTCTCTCTCTCTCTCTCTCT 5197
3817 AGCGGACCTCTCACCCCTGGCAGTGGTTTATGGCCACCTCTCTCTCTCTCTCTCTCTCTCT 3876
5198 AGCGGACCTCTCACCCCTGGCAGTGGTTTATGGCCACCTCTCTCTCTCTCTCTCTCTCTCT 5257
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5498 TTAGAGTGTGAAGTGAAGAAATTTACATAGAACTGCTCAGAAACGTCACAGCAAAAGGAC 5557

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5558 TTCAITGATGAGAAATGTTGAGAGTCTTATGACTGAACTAGAAATAGAAAATCACTCAAA 5617
4237 CATCATGAGAAATTTGTAGATGAAATTTGAGTGAATTTGAGAGACTCTTTCTGAAACGTCGC 4296
5618 CATCATGAGAAATTTGTAGATGAAATTTGAGTGAATTTGAGAGACTCTTTCTGAAACGTCGC 5677
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4738 GCCGAGCTGGAAGAACTGAAAGCCAGGTGA CAAGTCAAGCAGCAGAGATGGCTGTCTTG 4797
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5158 GACCAAGGTTATCTGAATTTAGAGAGAGACTCAGGTGGCAGTCTAGAGAGAACTGGAG 5217
6578 GACCAAGGTTATCTGAATTTAGAGAGAGACTCAGGTGGCAGTCTAGAGAGAACTGGAG 6637
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		NAME/KEY: misc feature		Query Match		76.0%; Score 5300.8; DB 9; Length 6244;			
		LOCATION: (4570)..(4589)		Best Local Similarity 98.7%; Pred. No. 0;					
		OTHER INFORMATION: n is a, c, g, or t		Matches 5330; Conservative 0; Mismatches 52; Indels 18; Gaps 1;					
		US-10-723-860-5904							
Qy	1579	GCCGGAAGCAGAGGAGATTAAAGGCTGCAATAGCCATAGCATAGCTGGATCCAAA	1638	Qy	2539	TTTCAGTGAATAATCTTCTGCACGCTCCAAAGTGGGAAAGAGATGAAGCAAGTTAGAGAGAGA	2598		
Db	1	GCCGGAAGCAGAGGAGATTAAAGGCTGCAATAGCCATAGCATAGCTGGATCCAAA	60	Db	961	TTTCAGTGAATAATCTTGCACGCTCCAAAGTGGGAAAGAGATGAAGCAAGTTAGAGAGAGA	1020		
Qy	1639	GACCCAAAACATTCCTCATATGAAGGCTCAAAAGAGCGGTAAAGAAACAACAGCTTGACATT	1698	Qy	2599	AAACTCCAAGAAATGGCTCTGCAGCAAGAGAAACTGGCAACTGGCAACAAGAGAGTTTC	2658		
Db	61	GACCCAAAACATTCCTCATATGAAGGCTCAAAAGAGCGGTAAAGAAACAACAGCTTGACATT	120	Db	1021	AAACTCCAAGAAATGGCTCTGCAGCAAGAGAAACTGGCAACTGGCAACAAGAGAGTTTC	1080		
Qy	1699	ATGAACAAGCAGTACCAACAACTTTGAAAGTGGTTGGATGAGATATCTTCTAGAAATTCCT	1758	Qy	2659	AGCAGGCTGTGAGAGAGCCCTGGGAGCAAGAAATGAATTTTGTATAAGAGCAACATGAA	2718		
Db	121	ATGAACAAGCAGTACCAACAACTTTGAAAGTGGTTGGATGAGATATCTTCTAGAAATTCCT	180	Db	1081	AGCAGGCTGTGAGAGAGCCCTGGGAGCAAGAAATGAATTTTGTATAAGAGCAACATGAA	1140		
Qy	1759	AGGAAACGGAAGAGATTAAGGACCTTTGAAGAAACAGCTTACTGAAGGCCAGATAGCAGCA	240	Qy	2719	GCAGAAATCCAGCAATGGAGAAATTCACATTTTTCGCAAGAAATCTTAAAGATATG	2778		
Db	181	AGGAAACGGAAGAGATTAAGGACCTTTGAAGAAACAGCTTACTGAAGGCCAGATAGCAGCA	240	Db	1141	GCAGAAATCCAGCAATGGAGAAATTCACATTTTTCGCAAGAAATCTTAAAGATATG	1200		
Qy	1819	AATCAGCCCTGGAAGAGGATTTAGAGGCTTTATCAGTGGTGGTTGCAAGAAATCCTCGGG	1878	Qy	2779	GAGAAATCCAGGCTTACAGATCTCCAACTTCAGAACTGATGAAGAGAAAGAGAGAGA	2838		
Db	241	AATCAGCCCTGGAAGAGGATTTAGAGGCTTTATCAGTGGTGGTTGCAAGAAATCCTCGGG	300	Db	1201	GAGAAATCCAGGCTTACAGATCTCCAACTTCAGAACTGATGAAGAGAAAGAGAGAGA	1260		
Qy	1879	ACCAATTAAGGCCAGGCAACTCAGGCCCAGAAATGAGTGCAGGAGCTCGGGATGAGAAA	1938	Qy	2839	ATTCTGCCCCAATCCGAGAGTTAGAGAAAGAAAGAACTTGAAGATGCCAAATCTCAG	2898		
Db	301	ACCAATTAAGGCCAGGCAACTCAGGCCCAGAAATGAGTGCAGGAGCTCGGGATGAGAAA	360	Db	1261	ATTCTGCCCCAATCCGAGAGTTAGAGAAAGAAAGAACTTGAAGATGCCAAATCTCAG	1320		
Qy	1939	GAGACATTTGTCAGAGATTGACAGAAAGTGCAGCAGAGAGAGACAGCTGGAAATAGTT	1998	Qy	2899	GAGCAAGTTTGTGTTTAGATAAAGAACTGAAGAAACTTAAAGAAAGCCGTGGCCACCTCT	2958		
Db	361	GAGACATTTGTCAGAGATTGACAGAAAGTGCAGCAGAGAGAGACAGCTGGAAATAGTT	420	Db	1321	GAGCAAGTTTGTGTTTAGATAAAGAACTGAAGAAACTTAAAGAAAGCCGTGGCCACCTCT	1380		
Qy	1999	GCCATGATGCAGAAATATAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTCCAGAG	2058	Qy	2959	GATTAAGCTAGCCACAGCTGAGCTCACCTTTGCCAAAGACAGCTGAAAGTCCCTTCATGGA	3018		
Db	421	GCCATGATGCAGAAATATAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTCCAGAG	480	Db	1381	GATTAAGCTAGCCACAGCTGAGCTCACCTTTGCCAAAGACAGCTGAAAGTCCCTTCATGGA	1440		
Qy	2059	CAGCATGAGTGAATGCATCTTTGACAGCAGACCCAGGGAGATCTCAGTGCCTATGAAGCT	2118	Qy	3019	ACTGTTATGAAATTAACAGGAGCGAGCAGAGAGTTGCGAGGAGCAGAGAGGTTTCAGC	3078		
Db	481	CAGCATGAGTGAATGCATCTTTGACAGCAGACCCAGGGAGATCTCAGTGCCTATGAAGCT	540	Db	1441	ACTGTTATGAAATTAACAGGAGCGAGCAGAGAGTTGCGAGGAGCAGAGAGGTTTCAGC	1500		
Qy	2119	GAGCTAGAGCTCGGTAAACCTTAAGGATGCTGAAGCCAAACAGCTCAAGAGAGAGTTG	2178	Qy	3079	AGAAAGCAGCAGCAGCAGCAGAGATCTCACCCGAGCAGAAAGCTGAGATCGAACTCCTG	3138		
Db	541	GAGCTAGAGCTCGGTAAACCTTAAGGATGCTGAAGCCAAACAGCTCAAGAGAGAGTTG	600	Db	1501	AGAAAGCAGCAGCAGCAGCAGAGATCTCACCCGAGCAGAAAGCTGAGATCGAACTCCTG	1560		
Qy	2179	GAAAGATTAACAGACTTACCCAGTTAGAACATCAGCCCTTCAAGCAGAACTTGAGAG	2238	Qy	3139	QAGAAATCTCTCAGGAGAGAGGGGAGCAGTTTCGACTTGAGATGGAGAAACAGGTGTA	3198		
Db	601	GAAAGATTAACAGACTTACCCAGTTAGAACATCAGCCCTTCAAGCAGAACTTGAGAG	660	Db	1561	CAGAAATCTCTCAGGAGAGAGGGGAGCAGTTTCGACTTGAGATGGAGAAACAGGTGTA	1620		
Qy	2239	GAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAGCCAGTTCTCAGAAAGAAAGAGAGCAA	2298	Qy	3199	GGTACTGGAGCAAACTCAGAGTCTTAGAAATGGAGAACTGAATGAGACAATGGAGAGA	3258		
Db	661	GAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAGCCAGTTCTCAGAAAGAAAGAGAGCAA	720	Db	1621	GSTACTGGAGCAAACTCAGAGTCTTAGAAATGGAGAACTGAATGAGACAATGGAAACGA	1680		
Qy	2299	GAGAACAGTGAAGTCCATGCAAAACCTTAAACATTTGAGAGATGACAAATATCTGTTAAA	2358	Qy	3259	CAAGGACAGAGATTCAAGGCTGCAGAAATGTACTAGACCTCACTGGAAGTGACAAACAA	3318		
Db	721	GAGAACAGTGAAGTCCATGCAAAACCTTAAACATTTGAGAGATGACAAATATCTGTTAAA	780	Db	1681	CAAGGACAGAGATTCAAGGCTGCAGAAATGTACTAGACCTCACTGGAAGTGACAAACAA	1740		
Qy	2359	CAGCAACTTAAGATTTCCAGAAATCACCTTAAACATGCTGGTTGGTTGGTTCCTCCA	2418	Qy	3319	GGAGGCTTTGAAAAATGTTTGTAGAGAAATTTGCTGAACTTCGACGTGAAAGTTTCTTATCAG	3378		
Db	781	CAGCAACTTAAGATTTCCAGAAATCACCTTAAACATGCTGGTTGGTTGGTTCCTCCA	840	Db	1741	GGAGGCTTTGAAAAATGTTTGTAGAGAAATTTGCTGAACTTCGACGTGAAAGTTTCTTATCAG	1800		
Qy	2419	GAAGAAATGTCAGCTCGTGGGATGAGCTAAGAGAAACCTGAAATTTAGGAACTGGGGAA	2478	Qy	3379	AATGATTACATGAAGCAGATGCGAGATCTCTTCAAAAGAGCAGGCTTATGGTACTTTATG	3438		
Db	841	GAAGAAATGTCAGCTCGTGGGATGAGCTAAGAGAAACCTGAAATTTAGGAACTGGGGAA	900	Db	1801	AATGATTACATGAAGCAGATGCGAGATCTCTTCAAAAGAGCAGGCTTATGGTACTTTATG	1860		
Qy	2479	ATGAACATCCATAGTCTTCAGATGCTTTAGGAAAGAGTCTTCTGATTTTACAGAAACAA	2538	Qy	3439	CCACCAACCACTATCAAAAGTTTCCAGCCATAGTTCCAGGCCACCAAGAGATCTTGGT	3498		
Db	901	ATGAACATCCATAGTCTTCAGATGCTTTAGGAAAGAGTCTTCTGATTTTACAGAAACAA	960	Db	1861	CCACCAACCACTATCAAAAGTTTCCAGCCATAGTTCCAGGCCACCAAGAGATCTTGGT	1920		

Qy	5839	GAATATGATGTTTCAGAGACTCCAGAAAGAGAGAGAAAGTGAAGAAACCAATTTAGAAACC	5898
Db	4243	GAATATGATGTTTCAGAGACTCCAGAAAGAGAGAGAAAGTGAAGAAACCAATTTAGAAACC	4302
Qy	5899	AGTAAAGTGACACTGAAGGACCAACAGCACAGCTGGAAAGAGAAATTAACAGACCAGAAA	5958
Db	4303	AGTAAAGTGACACTGAAGGACCAACAGCACAGCTGGAAAGAGAAATTAACAGACCAGAAA	4362
Qy	5959	AGCAAACTGGACCAAGTGCTCTCAAAAGTGCTGGCAGCTGAAGAGCGTGTTAGGACTCTG	6018
Db	4363	AGCAAACTGGACCAAGTGCTCTCAAAAGTGCTGGCAGCTGAAGAGCGTGTTAGGACTCTG	4422
Qy	6019	CAGGAAGAGGAGAGGTGTGTGAGAGCCTTGAGAAGACACCTCTCCAAAATAAACGGCAG	6078
Db	4423	CAGGAAGAGGAGAGGTGTGTGAGAGCCTTGAGAAGACACCTCTCCAAAATAAACGGCAG	4482
Qy	6079	CTTTTCAGAAAGGGAGACGAATTCGTCGAGAAATCAGGTGAGCTGTGTGGCCCTCCAGAAA	6138
Db	4483	CTTTTCAGAAAGGGAGACGAATTCGTCGAGAAATCAGGTGAGCTGTGTGGCCCTCCAGAAA	4542
Qy	6139	GAGCAGATTCTATGAGGGCAGACTTCAGGCTTCTGCGGAACCAAGTTCTTTGCACAGAAAGA	6198
Db	4543	GAGCAGATTCTATGAGGGCAGACTTCNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	4602
Qy	6199	AAGAAAGCTGAGAAAGCAGGTGGCCAGCCTGAAGAAAGCACTTAAGATCCAGCGGAGCCAG	6258
Db	4603	AAGAAAGCTGAGAAAGCAGGTGGCCAGCCTGAAGAAAGCACTTAAGATCCAGCGGAGCCAG	4662
Qy	6259	CTGCAGAAAAACCTTCTTTGAGCAAAAAACAGAGAAACAGCTGCATACAAAAAGGAAATGGCA	6318
Db	4663	CTGCAGAAAAACCTTCTTTGAGCAAAAAACAGAGAAACAGCTGCATACAAAAAGGAAATGGCA	4722
Qy	6319	ACAAATGAACTGGTAGCCAGGCAACCATGAGCGGCCAGCGCCCTGATGAAGGAGCTC	6378
Db	4723	ACAAATGAACTGGTAGCCAGGCAACCATGAGCGGCCAGCGCCCTGATGAAGGAGCTC	4782
Qy	6379	AACAGATGCAAGTATGATGATACACGGAGCTCAAGAAACAGATGCGCAAAACCAAAAGATTTC	6438
Db	4783	AACAGATGCAAGTATGATGATACACGGAGCTCAAGAAACAGATGCGCAAAACCAAAAGATTTC	4842
Qy	6439	GAGAGAAGACAAATGGAAATCAGTGATGCAATGAGGACACTTAAATCTGAGGTGAAGGAT	6498
Db	4843	GAGAGAAGACAAATGGAAATCAGTGATGCAATGAGGACACTTAAATCTGAGGTGAAGGAT	4902
Qy	6499	GAATACAGAACCCAGCTTTGAAGAATCTTAAATCAGTTCTCCAGAACTACACAGATCTA	6558
Db	4903	GAATACAGAACCCAGCTTTGAAGAATCTTAAATCAGTTCTCCAGAACTACACAGATCTA	4962
Qy	6559	GAAGCTATTTTGGAAAGAAACGAAACCTAGAGGAGAAATGGAAGCTTGAAGAGAAC	6618
Db	4963	GAAGCTATTTTGGAAAGAAACGAAACCTAGAGGAGAAATGGAAGCTTGAAGAGAAC	5022
Qy	6619	CTTCCATTTTACCATGAGGGACCTTTTGAAGAAAAATCTGAACCTTTTCCCAAGTTTCC	6678
Db	5023	CTTCCATTTTACCATGAGGGACCTTTTGAAGAAAAATCTGAACCTTTTCCCAAGTTTCC	5082
Qy	6679	ATAATGATGAACACTCGCGCTGGAGAAGCACTCCGGGAGAAACTGCGTCAACCGGGAAGAC	6738
Db	5083	ATAATGATGAACACTCGCGCTGGAGAAGCACTCCGGGAGAAACTGCGTCAACCGGGAAGAC	5142
Qy	6739	CGACTCAAGGCCCAACTCCGACACTGTATGCTCCAGCGACAGCAAGTATTAAATTAAGGA	6798
Db	5143	CGACTCAAGGCCCAACTCCGACACTGTATGCTCCAGCGACAGCAAGTATTAAATTAAGGA	5202
Qy	6799	AAGCGGCAGACAGAGGGCACTTTACACAGTTTGAGGAGACAAGTAGATGCTTTAGGGGAA	6858
Db	5203	AAGCGGCAGACAGAGGGCACTTTACACAGTTTGAGGAGACAAGTAGATGCTTTAGGGGAA	5262
Qy	6859	TTGGTCAACAGCACTCTCGAGATTACAGCGTCACTACCAGTCTGTCTAGCTGGAGTCT	6918
Db	5263	TTGGTCAACAGCACTCTCGAGATTACAGCGTCACTACCAGTCTGTCTAGCTGGAGTCT	5322

QY	6919	TCCCTCAGCAGAGACTCTCAACTTTGGACAAAATCAGGAAAAGAAATGCCTCAGCCAGATGA	6972
Db	5323	TCCCTCAGCAGAGACTCTCAACTTTGGACAAAATCAGGAAAAGAAATGCCTCAGCCAGATGA	5382
RESULT 6			
US-10-108-260A-2049			
; Sequence 2049, Application US/10108260A			
; Publication No. US20040005560A1			
; GENERAL INFORMATION:			
; APPLICANT: HELIX RESEARCH INSTITUTE			
; TITLE OF INVENTION: No. US20040005560A1el full' length cdna			
; FILE REFERENCE: HI-A0106			
; CURRENT APPLICATION NUMBER: US/10/108,260A			
; CURRENT FILING DATE: 2002-03-27			
; NUMBER OF SEQ ID NOS: 5458			
; SOFTWARE: PatentIn Ver. 2.1			
; SEQ ID NO 2049			
; LENGTH: 3044			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-10-108-260A-2049			
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Best Local Similarity 99.9%; Pred. No. 0;			
Matches 2876; Conservative 0; Mismatches 4; Indels 0; Gaps 0;			
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Db	1	TTTGAGCCACTAAATTATTATTCATCAGAGTAGTGTCTGAAATTTGATAAAGCCCGAGATGAA	60
QY	1153	AGCCCTTACATTTGGCAAATCCAGATACAGAGAAAATATGTTTGCCACAGAGAGTTATATT	1212
Db	61	AGCCCTTACATTTGGCAAATCCAGATACAGAGAAAATATGTTTGCCACAGAGAGTTATATT	120
QY	1213	ATTGACAGTGTCTCAGGCGAGTACAGATCAAAGAGATGGAGCCAGATGAACTTAGAAAT	1272
Db	121	ATTGACAGTGTCTCAGGCGAGTACAGATCAAAGAGATGGAGCCAGATGAACTTAGAAAT	180
QY	1273	GATCAGATGAATTTGAGAGGCCACACACCCTGGACACGCCAATCTGGAAGACAAGAAAAA	1332
Db	181	GATCAGATGAATTTGAGAGGCCACACACCCTGGACACGCCAATCTGGAAGACAAGAAAAA	240
QY	1333	AAAATAAGTGCAGCACAAAATCGACTATCAGAACTGCATGTAGAAATAGAAAAAGGCAGAA	1392
Db	241	AAAATAAGTGCAGCACAAAATCGACTATCAGAACTGCATGTAGAAATAGAAAAAGGCAGAA	300
QY	1393	CAACAAAATTTGAGAGCTACTGAAGAAATTTAAACAACCTGGAAGAGCTATACAACCTAAAA	1452
Db	301	CAACAAAATTTGAGAGCTACTGAAGAAATTTAAACAACCTGGAAGAGCTATACAACCTAAAA	360
QY	1453	AAGATTTCAAGAGCAGGGAAGACCTTCTTTACAGCAGTTCAGTGGTAGAGCTACAACTT	1512
Db	361	AAGATTTCAAGAGCAGGGAAGACCTTCTTTACAGCAGTTCAGTGGTAGAGCTACAACTT	420
QY	1513	GTAAATAAATTACGCCAGGAAGCTCTGGATCTAGAACTGCAGATGGAAAAGCAAAAGCAG	1572
Db	421	GTAAATAAATTACGCCAGGAAGCTCTGGATCTAGAACTGCAGATGGAAAAGCAAAAGCAG	480
QY	1573	GAAATTTGCCGGAAGCAGAGGAGATTAAGGACCTTGCAAAATAGCCATAGATAGCCCTGGAT	1632
Db	481	GAAATTTGCCGGAAGCAGAGGAGATTAAGGACCTTGCAAAATAGCCATAGATAGCCCTGGAT	540
QY	1633	TCCAAAGACCCAAACATTTCCCATATGAGGCTCAAAAAGAGCGGTAAAGAAACAACAGCTT	1692
Db	541	TCCAAAGACCCAAACATTTCCCATATGAGGCTCAAAAAGAGCGGTAAAGAAACAACAGCTT	600
QY	1693	GACATTTACAAACAAGCAGTACCAACACTTTGAAAGTCGTTTGGATGAGATACTTTCTAGA	1752
Db	601	GACATTTACAAACAAGCAGTACCAACACTTTGAAAGTCGTTTGGATGAGATACTTTCTAGA	660
QY	1753	ATTGCTTAAGGAAACCGAAGAGATTAAGGACCTTTGAAGAAACAGCTTACTGAAAGCCAGATA	1812

Db 661 ATTGCTAAGGAAACGGAAGAGATTAAAGACCTTTGAAGAACAGCTTACTGAAGGCCAGATA 720
Qy 1813 GCAGCAATAGAACCCCTGAAGAGGATTTAGAGGTGTTATCAGTGGGTTGCAAGAAATAC 1872
Db 721 GCAGCAATAGAACCCCTGAAGAGGATTTAGAGGTGTTATCAGTGGGTTGCAAGAAATAC 780
Qy 1873 CTGGGGACCATTTAAAGGCCAGGCACTCAGGCCCAAGAAATGAGTCAGGAAGCTCGGGAT 1932
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Qy 1933 GAGAAAGAGACATTTGTTCCAGAGATTGACAGAGTTCGACGAGGAGAGAGACCAGCTGGAA 1992
Db 841 GAGAAAGAGACATTTGTTCCAGAGATTGACAGAGTTCGACGAGGAGAGAGACCAGCTGGAA 900
Qy 1993 ATAGTTGCATGGATGCAAGAAATATGAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTC 2052
Db 901 ATAGTTGCATGGATGCAAGAAATATGAGGAAGGAGCTTGCAGAGCTAGAAAGTGCCTC 960
Qy 2053 CAAGAGCAGCATGAGTGAATGCAATCTTTGACGACAGACCCAGGGAGATCTCAGTGCCTAT 2112
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Qy 2113 GAAGCTGAGCTAGAGGCTCGGCTAAACCTAAGGATGCTGAAGCCAAACAGCTCAAGGAA 2172
Db 1021 GAAGCTGAGCTAGAGGCTCGGCTAAACCTAAGGATGCTGAAGCCAAACAGCTCAAGGAA 1080
Qy 2173 GAGTTGGAAGATTAAGAGCTTACCAGTTAGAACTAGAACTAGAGCTTCAAGCAGAACTT 2232
Db 1081 GAGTTGGAAGATTAAGAGCTTACCAGTTAGAACTAGAACTAGAGCTTCAAGCAGAACTT 1140
Qy 2233 GAGAAAGGAAGGCAAGCCCTCAAGAACTGCCCTTGGAAGGCCAGTCTCAGAAAGAAAG 2292
Db 1141 GAGAAAGGAAGGCAAGCCCTCAGAACTGCCCTTGGAAGGCCAGTCTCAGAAAGAAAG 1200
Qy 2293 GAGCAAGAGAACAGTGAAGCTCCATCAAACTTAAACACTTGCAGGATGCAAAATCTG 2352
Db 1201 GAGCAAGAGAACAGTGAAGCTCCATCAAACTTAAACACTTGCAGGATGCAAAATCTG 1260
Qy 2353 TTAACAAGCAACTTAAGATTTCCAGAACTCACTTAACCAATGTTGATGTTGGTT 2412
Db 1261 TTAACAAGCAACTTAAGATTTCCAGAACTCACTTAACCAATGTTGATGTTGGTT 1320
Qy 2413 CGTCAGAAAGTGGCAGCTCGTGTGATGAGCTTAAGAGAACTGAAATTAAGAACT 2472
Db 1321 CGTCAGAAAGTGGCAGCTCGTGTGATGAGCTTAAGAGAACTGAAATTAAGAACT 1380
Qy 2473 GGGGAATGAACATCCATAGTCTTCCAGATGCTTTAGGGAAGTCTTGTCTGATTTACAG 2532
Db 1381 GGGGAATGAACATCCATAGTCTTCCAGATGCTTTAGGGAAGTCTTGTCTGATTTACAG 1440
Qy 2533 AAACAATTCAGTGAATTTCTTGCAAGCTTCAAGTGGGAAGAGATGAAGCAAGTTAGA 2592
Db 1441 AAACAATTCAGTGAATTTCTTGCAAGCTTCAAGTGGGAAGAGATGAAGCAAGTTAGA 1500
Qy 2593 GAGAGAAATCCCAAGAGAAATGGCTCTGACGACAGAGAACTGGCAACTGGCAAGAA 2652
Db 1501 GAGAGAAATCCCAAGAGAAATGGCTCTGACGACAGAGAACTGGCAACTGGCAAGAA 1560
Qy 2653 GAGTTACAGGCAAGGCTGTGAGAGAGCCCTGGAAGCAAGAAATGAATTTTGAAGAGGCAA 2712
Db 1561 GAGTTACAGGCAAGGCTGTGAGAGAGCCCTGGAAGCAAGAAATGAATTTTGAAGAGGCAA 1620
Qy 2713 CATGAAGCAAGAAATCCAGCAATGGAGAAATGAATTTCAATTTTGAAGAAATCTAAAA 2772
Db 1621 CATGAAGCAAGAAATCCAGCAATGGAGAAATGAATTTCAATTTTGAAGAAATCTAAAA 1680
Qy 2773 AGTATGAGGAAATCCAGAGCTTACAGATCTCCAACTTCAAGAGAGCTGATGAAGAGAG 2832
Db 1681 AGTATGAGGAAATCCAGAGCTTACAGATCTCCAACTTCAAGAGAGCTGATGAAGAGAG 1740
Qy 2833 GAGAGAAATTCCTGGCCCAACTCCGAGAGTTAGAGAAAGAGAACTTTGAAGATGCCAAA 2892
Db 1741 GAGAGAAATTCCTGGCCCAACTCCGAGAGTTAGAGAAAGAGAACTTTGAAGATGCCAAA 1800

Qy 2893 TCTCAGGAGCAAGCTTTTGGTTTGTATTAAGAACTGAAGAACTTAAAGAAAGCCGTGGCC 2952
Db 1801 TCTCAGGAGCAAGCTTTTGGTTTGTATTAAGAACTGAAGAACTTAAAGAAAGCCGTGGCC 1860
Qy 2953 AECTCTGATAGCTAGCCACAGCTGAGCTCACCATTGCCAAAGACCAAGCTGAAAGTCCCTT 3012
Db 1861 ACCTCTGATAGCTAGCCACAGCTGAGCTCACCATTGCCAAAGACCAAGCTGAAAGTCCCTT 1920
Qy 3013 CATGGAACCTGTTATGAAATTAACAGGAGCGAGAGAGAGTTGACAGGAAGCAGAGAGG 3072
Db 1921 CATGGAACCTGTTATGAAATTAACAGGAGCGAGAGAGAGTTGACAGGAAGCAGAGAGG 1980
Qy 3073 TCCAGCAGAAAGCAGCAGCAAGCAGCAGAGATCTCACCAGCAGAGAGCTGAGATCGAA 3132
Db 1981 TCCAGCAGAAAGCAGCAGCAGCAGAGATCTCACCAGCAGAGAGCTGAGATCGAA 2040
Qy 3133 CTCCTGCAGAACTCTCTCAGCAGAAAGGGGAGAGCTTTCGACTTTGAGATGGAGAAACA 3192
Db 2041 CTCCTGCAGAACTCTCTCAGCAGAAAGGGGAGAGCTTTCGACTTTGAGATGGAGAAACA 2100
Qy 3193 GGTGTAGTACTGGAGCAAACTCAGAGTCTTAGAAATTTGAGAACTGAAATGAGACATG 3252
Db 2101 GGTGTAGTACTGGAGCAAACTCAGAGTCTTAGAAATTTGAGAACTGAAATGAGACATG 2160
Qy 3253 GAACGCAAAAGGACAGAGATTTGCAAGGCTCAGAACTGCTAGACCTCAGCTGGAAGTGAC 3312
Db 2161 GAACGCAAAAGGACAGAGATTTGCAAGGCTCAGAACTGCTAGACCTCAGCTGGAAGTGAC 2220
Qy 3313 AACAAAGGAGGCTTTGAAATTTGAAATTTGAGAAATTTGCTGAACTTCGACGTGAAAGTTCT 3372
Db 2221 AACAAAGGAGGCTTTGAAATTTGAAATTTGAGAAATTTGCTGAACTTCGACGTGAAAGTTCT 2280
Qy 3373 TATCAGAAATGATACATTAAGCAGATGGCAGATCTTTCAAAGACGAGGCTATTTGTTAC 3432
Db 2281 TATCAGAAATGATACATTAAGCAGATGGCAGATCTTTCAAAGACGAGGCTATTTGTTAC 2340
Qy 3433 TTTATGCCACACCACTCATCAAAAGTTTCCAGCCATAGTTCCAGGCCACCAAGGAC 3492
Db 2341 TTTATGCCACACCACTCATCAAAAGTTTCCAGCCATAGTTCCAGGCCACCAAGGAC 2400
Qy 3493 TCTGGTGTGGCCCTTAAGTACTCAGCCTCAACTCTGTTAGAAAAACACGCCCTGGGCAG 3552
Db 2401 TCTGGTGTGGCCCTTAAGTACTCAGCCTCAACTCTGTTAGAAAAACACGCCCTGGGCAG 2460
Qy 3553 CAGATGGGAAGGAGGAGCAGTCAACCTCCCTGCTCAGGATACCTGGGTTATTTCTCCC 3612
Db 2461 CAGATGGGAAGGAGGAGCAGTCAACCTCCCTGCTCAGGATACCTGGGTTATTTCTCCC 2520
Qy 3613 ATCAGGAGTGGGTTTACATAAATGTTTCCAAAGTAGAGATGCAGACAGTGGAGGAGATAGT 3672
Db 2521 ATCAGGAGTGGGTTTACATAAATGTTTCCAAAGTAGAGATGCAGACAGTGGAGGAGATAGT 2580
Qy 3673 CAGGAAGAGAGTGGATGGATGACCAAGAAAGACCCCATTTTGTGCTCTCTCTGGATAC 3732
Db 2581 CAGGAAGAGAGTGGATGGATGACCAAGAAAGACCCCATTTTGTGCTCTCTCTGGATAC 2640
Qy 3733 ATGATGTATATCTGCTTCTGATGTTCTCTGTATCCCCCAGGGCATGGCCCTGTATGCA 3792
Db 2641 ATGATGTATATCTGCTTCTGATGTTCTCTGTATCCCCCAGGGCATGGCCCTGTATGCA 2700
Qy 3793 CCACCTCTCTCTTGCAGCAATAGCCAGCTCTCACCCTCGCACCTGTTGTTTATGGC 3852
Db 2701 CCACCTCTCTCTTGCAGCAATAGCCAGCTCTCACCCTCGCACCTGTTGTTTATGGC 2760
Qy 3853 CCACCTCTCTCTGCGGCCCCCATGTTGTTATGGCCCTCCACCCCACTTCTCCATCCCC 3912
Db 2761 CCACCTCTCTCTGCGGCCCCCATGTTGTTATGGCCCTCCACCCCACTTCTCCATCCCC 2820
Qy 3913 TTCATCTCTATGGGTGTGCTGCAATTCGAACTGCTGCAACCATTAATCTTAGAGAAATGAA 3972
Db 2821 TTCATCTCTATGGGTGTGCTGCAATTCGAACTGCTGCAACCATTAATCTTAGAGAAATGAA 2880

RESULT 7

US-10-104-047-52
; Sequence 52, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1 full length cDNA
; FILE REFERENCE: HI-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: Patencin ver. 2.1
; SEQ ID NO 52
; LENGTH: 2631
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-104-047-52

Query Match 34.4%; Score 2403.2; DB 7; Length 2631;
Best Local Similarity 98.5%; Pred. No. 0;
Matches 2446; Conservative 0; Mismatches 8; Indels 28; Gaps 1;

QY	1649	ATTCCCATATGAAGGCTCAAAAGCGGTAAAGAACACAGCTTGACATTATGCAACAGC	1708
DB	150	AGTCCCATATGAAGGCTCAAAAGCGGTAAAGAACACAGCTTGACATTATGCAACAGC	209
QY	1709	AGTACCAACAACTTGAAGTCGTTTGGATGAGATCTTTCTAGAAATGCTTAAGGAAACGG	1768
DB	210	AGTACCAACAACTTGAAGTCGTTTGGATGAGATCTTTCTAGAAATGCTTAAGGAAACGG	269
QY	1769	AAGAGATTAAAGCACTTGAAGAACAGCTTACTGAAGCCAGATAGCAGCAAAATGAAGCCC	1828
DB	270	AAGAGATTAAAGCACTTGAAGAACAGCTTACTGAAGCCAGATAGCAGCAAAATGAAGCCC	329
QY	1829	TGAGAGAGGATTTAGAGGTGTTTACGTGGGTGTCAGNATACCTGGGGACCATTAAG	1888
DB	330	TGAGAGAGGATTTAGAGGTGTTTACGTGGGTGTCAGNATACCTGGGGACCATTAAG	389
QY	1889	GCAGGCAACTAGGCCCCAGAGTGTGAGGAGGCTGGGGATGAGAAAGAGACATTGT	1948
DB	390	GCAGGCAACTAGGCCCCAGAGTGTGAGGAGGCTGGGGATGAGAAAGAGACATTGT	449
QY	1949	TGCAGAGATTGA CAGAAGTCGAGCAGGAGAGAGACAGCTGGAAATAGTTGCCATGGATG	2008
DB	450	TGCAGAGATTGA CAGAAGTCGAGCAGGAGAGAGACAGCTGGAAATAGTTGCCATGGATG	509
QY	2009	CAGAAATATGAGGAGGAGCTTGCAGAGCTAGAAAGTGCCCTCCAGAGCAGCATGAGG	2068
DB	510	CAGAAATATGAGGAGGAGCTTGCAGAGCTAGAAAGTGCCCTCCAGAGCAGCATGAGG	569
QY	2069	TGAATCATCTTTGACAGACAGCCAGGAGATCTCAGTGCCTATGAAGCTGAGCTAGAGG	2128
DB	570	TGAATCATCTTTGACAGACAGCCAGGAGATCTCAGTGCCTATGAAGCTGAGCTAGAGG	629
QY	2129	CTCGGCTAAACCTAAGGATGCTTGAAGCCCAACAGCTCAAGGAAAGAGTTGGAAAGATAA	2188
DB	630	CTCGGCTAAACCTAAGGATGCTTGAAGCCCAACAGCTCAAGGAAAGAGTTGGAAAGATAA	689
QY	2189	CAAGACTTACCCAGTTAGAACCAATACGCCCTTCAAGCAGAACTTGAAGAGGAAAGCAAG	2248
DB	690	CAAGACTTACCCAGTTAGAACCAATACGCCCTTCAAGCAGAACTTGAAGAGGAAAGCAAG	749
QY	2249	CCCTCAGATGCTTGAAGAGCCAGCTTCTCAGAGAAAGGAGGAGAGAGAGAGT	2308
DB	750	CCCTCAGATGCTTGAAGAGCCAGCTTCTCAGAGAAAGGAGGAGAGAGAGT	809
QY	2309	AGCTCCATGCAAACTTAAACACTTGCAGGATGACAAATATCTGTTAAACAGCACTTA	2368
DB	810	AGCTCCATGCAAACTTAAACACTTGCAGGATGACAAATATCTGTTAAACAGCACTTA	869

QY	2369	AAGATTTCCAGAAATCACCTTAACCATGTGTTGGTTTGGTTCTGTCAGAGAAAGTGG	2428
DB	870	AAGATTTCCAGAAATCACCTTAACCATGTGTTGGTTTGGTTCTGTCAGAGAAAGTGG	929
QY	2429	CAGCTCGTGTGATGAGCTTAAGAAGAAAACTGAAATTAGGAACTGGGAAATGAACATCC	2488
DB	930	CAGCTCGTGTGATGAGCTTAAGAAGAAAACTGAAATTAGGAACTGGGAAATGAACATCC	989
QY	2489	ATAGTCTTTCAGATGCTTTAGGAAAGAGTCTTGTGATTTACAGAAACATTTCACTGAAA	2548
DB	990	ATAGTCTTTCAGATGCTTTAGGAAAGAGTCTTGTGATTTACAGAAACATTTCACTGAAA	1049
QY	2549	TTCTTGCACGCTCCCAAGTGGGAAAGAGATGAAGCACAAGTTAGAGAGAGAAAACTCCAAG	2608
DB	1050	TTCTTGCACGCTCCCAAGTGGGAAAGAGATGAAGCACAAGTTAGAGAGAGAAAACTCCAAG	1109
QY	2609	AAGAAATGGCTCTGCAAGAGAGAACTGGCAACTGGACAAGAGAGTTTCCAGCAGSCCT	2668
DB	1110	AAGAAATGGCTCTGCAAGAGAGAACTGGCAACTGGACAAGAGAGTTTCCAGCAGSCCT	1169
QY	2669	GTGAGAGAGCCCTGGAGCAAGA-----ATGAATTTT	2700
DB	1170	GTGAGAGAGCCCTGGAGCAAGAAGTAAGACAAGGGCAAGAGGCCACTGGAGATGAATTTT	1229
QY	2701	GATAAGAGCAACATGAAGCAAGAAATCCAGCAAAATGAGAAATGAAATTTCACTATTTGCAA	2760
DB	1230	GATAAGAGCAACATGAAGCAAGAAATCCAGCAAAATGAGAAATGAAATTTCACTATTTGCAA	1289
QY	2761	GAAATCTTAAAAAGTATGAGAGGAAATCCAAAGGCTTTACAGATCTCCAAGTCTCAGGAAGCT	2820
DB	1290	GAAATCTTAAAAAGTATGAGAGGAAATCCAAAGGCTTTACAGATCTCCAAGTCTCAGGAAGCT	1349
QY	2821	GATGAAGAGAGAGAGAGAAATTTCTGGCCCAACTCCGAGAGTTAGAGAAAGAGAAACTTT	2880
DB	1350	GATGAAGAGAGAGAGAGAAATTTCTGGCCCAACTCCGAGAGTTAGAGAAAGAGAAACTTT	1409
QY	2881	GAAGATGCCAAATCTCAGGAGCAAGTTTTTGTGTTTATAGATAAGAACTGAAGAAACTAAAG	2940
DB	1410	GAAGATGCCAAATCTCAGGAGCAAGTTTTTGTGTTTATAGATAAGAACTGAAGAAACTAAAG	1469
QY	2941	AAAGCGTGGCCCACTCTGATAAGCTAGCCACAGCTGAGCTCACCATTTGCCAAAGACCAG	3000
DB	1470	AAAGCGTGGCCCACTCTGATAAGCTAGCCACAGCTGAGCTCACCATTTGCCAAAGACCAG	1529
QY	3001	CTGAAGTCTCTTATGGAATCTGTTATGAAATTTAACAGGAGGAGCAGAGAGTTGCGAG	3060
DB	1530	CTGAAGTCTCTTATGGAATCTGTTATGAAATTTAACAGGAGGAGCAGAGAGTTGCGAG	1589
QY	3061	GAAGCAGAGAGGTTTCAGAGAAAGGAGCAGCAGCAGCAGAGATCTCACCCGAGCAGAA	3120
DB	1590	GAAGCAGAGAGGTTTCAGAGAAAGGAGCAGCAGCAGCAGAGATCTCACCCGAGCAGAA	1649
QY	3121	GCTGAGATCGAACTCTCTGAGAAATCTCTCAGGAGAGAGGAGGAGCAGTTTTCGACTTGAG	3180
DB	1650	GCTGAGATCGAACTCTCTGAGAAATCTCTCAGGAGAGAGGAGGAGCAGTTTTCGACTTGAG	1709
QY	3181	ATGAGAGAAAGAGGTTTCTGAGCAAACTCACAGGTTCTAGAGAAATTTGAGAAACTG	3240
DB	1710	ATGAGAGAAAGAGGTTTCTGAGCAAACTCACAGGTTCTAGAGAAATTTGAGAAACTG	1769
QY	3241	AATGAGACAACTGGAAGCAGCAAAAGGAGCAGAGTTGCAAGGCTCAGAACTGTACTAGACCTC	3300
DB	1770	AATGAGACAACTGGAAGCAGCAAAAGGAGCAGAGTTGCAAGGCTCAGAACTGTACTAGACCTC	1829
QY	3301	ACTGGAAGTGA CAAAGAGGAGGCTTTGAAATGTTTGAAGAGAAATTTGCTGAACCTCGA	3360
DB	1830	ACTGGAAGTGA CAAAGAGGAGGCTTTGAAATGTTTGAAGAGAAATTTGCTGAACCTCGA	1889
QY	3361	CGTGAAGTTCTTATCAGAAATGATTAAGCAGCAGTGGCAGATCTCTTTCAAAGACGA	3420
DB	1890	CGTGAAGTTCTTATCAGAAATGATTAAGCAGCAGTGGCAGATCTCTTTCAAAGACGA	1949
QY	3421	GGCTATTGGTACTTTATGCCACCACCACTCATCAAAAGTTTCCAGCCCATAGTTCCTCCAG	3480

Db	1950	GGCTATTGGTACTTTATGGCCACCACCCATCATCAAAAGTTTCCAGCCATAGTTCCAG	2009
Qy	3481	GCCACCAAGGACTCTGCTGTGTGGCCTTTAAGTACTCAGCCTCAACTCTGTGTGAAAAACCA	3540
Db	2010	GCCACCAAGGACTCTGCTGTGTGGCCTTTAAGTACTCAGCCTCAACTCTGTGTGAAAAACCA	2069
Qy	3541	CGCCCTGGGAGCAGGATGGGAAGGAAGGAGTCMAACTCTCCCTGCTCCTCAGGATCTGG	3600
Db	2070	CGCCCTGGGAGCAGGATGGGAAGGAAGGAGTCMAACTCTCCCTGCTCCTCAGGATCTGG	2129
Qy	3601	GTTTATTCTCCCATCAGGAGTGGGTACATAAACTGTTTCCAAGTACAGATGCAGACAGT	3660
Db	2130	GTTTATTCTCCCATCAGGAGTGGGTACATAAACTGTTTCCAAGTACAGATGCAGACAGT	2189
Qy	3661	GGAGGAGATAGTCAGGAAGAGAGTGAGCTGGATGACCAAGAAGAACCCCCATTGTGSCCT	3720
Db	2190	GGAGGAGATAGTCAGGAAGAGAGTGAGCTGGATGACCAAGAAGAACCCCCATTGTGSCCT	2249
Qy	3721	CCTCTCGGATACATGATGTAATCTGTGCTTCTCTGATGGTTCCTGTACCCCAAGGGCATG	3780
Db	2250	CCTCTCGGATACATGATGTAATCTGTGCTTCTCTGATGGTTCCTGTACCCCAAGGGCATG	2309
Qy	3781	GCCTGTATGCACCACTCTCCCTTGCCTCCAAAACAATAGCCGACCTCTCACCCCTGGCACT	3840
Db	2310	ACCTGTATGCACCACTCTCCCTTGCCTCCAAAACAATAGCCGACCTCTCACCCCTGGCACT	2369
Qy	3841	GTTGTATTATGGCCACACTCTCTGTCTGGGGGCCCCCATGTGTATGGGCTCCACCCCCCAAC	3900
Db	2370	GTTGTATTATGGCCACACTCTCTGTCTGGGGGCCCCCATGTGTATGGGCTCCACCCCCCAAC	2429
Qy	3901	TTCTCCATCCCTTTCATCCCTATGGGTGTGCTGCAATTGGAACGTCTCCTGAACACCATTAAC	3960
Db	2430	TTCTCCATCCCTTTCATCCCTATGGGTGTGCTGCAATTGGAACGTCTCCTGAACACCATTAAC	2489
Qy	3961	TTAGAGAACTCAAGTTTCTAGATTAGAGACATATGCAGCATTTTAAATCAAAGAAGCGG	4020
Db	2490	TTAGAGAACTCAAGTTTCTAGATTAGAGACATATGCAGCATTTTAAATCAAAGAAGCGG	2549
Qy	4021	GAAGAAAGTGGATAGAGGATCCAAGCGGCAGTCGGAGAGAAGAAATGGAAGAACTGCAT	4080
Db	2550	GAAGAAAGTGGATAGAGGATCCAAGCGGCAGTCGGAGAGAAGAAATGGAAGAACTGCAT	2609
Qy	4081	CATAAATTGATGATCTTTTGC	4102
Db	2610	CATAAATTGATGATCTTTTGC	2631

RESULT 8

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US-11-072-512-52
; Sequence 52, Application US/11072512
; Publication No. US20060029945A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: TRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOKYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: Novel full length cDNA
; FILE REFERENCE: 084335-0191

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Db 570 TCAGAGACTCTACCTTTTCATCTGGAGGACAGTGTGTGAGCAAAATTTGAGATTGCAGAT 629
QY 181 GAAAAAATATGCTTTTGGAGCTATCAAGACATTAAGGAGCTGATTCACATGACGAGATT 240
Db 630 GAAAAAATATGCTTTTGGAGCTATCAAGACATTAAGGAGCTGATTCACATGACGAGATT 689
QY 241 AGATATATTACAGAGGCTCTTAAATAAATCTTAAACAGGATTAATTTGGCTTTGATA 300
Db 690 AGATATATTACAGAGGCTCTTAAATAAATCTTAAACAGGATTAATTTGGCTTTGATA 749
QY 301 AAATCTCTGAACCTTTCACTTTCTAAAGACGGTGGCAAGAAATTTAAGTATATTGAGAAT 360
Db 750 AAATCTCTGAACCTTTCACTTTCTAAAGACGGTGGCAAGAAATTTAAGTATATTGAGAAT 809
QY 361 TTGAAAAAATGCTTTAACTGAGTACTGAATCTGAGCTATTAATCTAATAGGGAAGATT 420
Db 810 TTGAAAAAATGCTTTAACTGAGTACTGAATCTGAGCTATTAATCTAATAGGGAAGATT 869
QY 421 GAAAGTTGACAGAGCTTTAAATAAATACGTGAATCACTTATCATATACAAATCAGC 480
Db 870 GAAAGTTGACAGAGCTTTAAATAAATACGTGAATCACTTATCATATACAAATCAGC 929
QY 481 AAATTTGAAGGCTATGAAAAATATGTAATCTGCAAAAGCTTAACCTTGCAGGAAATGAA 540
Db 930 AAATTTGAAGGCTATGAAAAATATGTAATCTGCAAAAGCTTAACCTTGCAGGAAATGAA 989
QY 541 ATTGAGCATATTCAGTATGTTAGGGAAGATTAAATCTTTTGGAGTCTCAATTTG 600
Db 990 ATTGAGCATATTCAGTATGTTAGGGAAGATTAAATCTTTTGGAGTCTCAATTTG 1049
QY 601 AAAGGCAACAGATATCATCGCTCCAGATATTAAGCAAGTTGAAACGGCTTCAAGATTG 660
Db 1050 AAAGGCAACAGATATCATCGCTCCAGATATTAAGCAAGTTGAAACGGCTTCAAGATTG 1109
QY 661 ATTTCTCTGATCTAGTTGAAAAATCAGTTGTGACCTTCTCTCATTAACCTCCAGTTTACC 720
Db 1110 ATTTCTCTGATCTAGTTGAAAAATCAGTTGTGACCTTCTCTCATTAACCTCCAGTTTACC 1169
QY 721 ATTTCTCAGCTCTGTTCAATTTGAAAGTTTGAAGGTGAGCCAGTAACCACTCAGGATAGA 780
Db 1170 ATTTCTCAGCTCTGTTCAATTTGAAAGTTTGAAGGTGAGCCAGTAACCACTCAGGATAGA 1229
QY 781 CAGGAGCTTTTGAAGATTCAGTTTGAAGAGGTAGAAGAGCTGAAAGAGACCTAGAA 840
Db 1230 CAGGAGCTTTTGAAGATTCAGTTTGAAGAGGTAGAAGAGCTGAAAGAGACCTAGAA 1289
QY 841 AAAAGATGATAGAAAATGAAAGCTTAAAGAGCTTAAAGCAAAACAAAGGTTTCTTGAAGAAAT 900
Db 1290 AAAAGATGATAGAAAATGAAAGCTTAAAGAGCTTAAAGCAAAACAAAGGTTTCTTGAAGAAAT 1349
QY 901 AAAAATCAAGATAAAATGAAATCAATTAAGAGAGGAGCCATGTTACAGAAACAGAGC 960
Db 1350 AAAAATCAAGATAAAATGAAATCAATTAAGAGAGGAGCCATGTTACAGAAACAGAGC 1409
QY 961 TGTGAGAACTCAAGAGTGTGAAACACAAAAATGAAATGCTGAAACAGAGCCATA 1020
Db 1410 TGTGAGAACTCAAGAGTGTGAAACACAAAAATGAAATGCTGAAACAGAGCCATA 1469
QY 1021 GAAATTAACAGGAGCTGTGAGAGCAATATGAGCTGGAACAGGAAATTTGGCTTTTATAA 1080
Db 1470 GAAATTAACAGGAGCTGTGAGAGCAATATGAGCTGGAACAGGAAATTTGGCTTTTATAA 1529
QY 1081 ATTGATGCTAAAATTTGAGCCACTTAAATTTAATTCATCAGATATGCTGAAATTTGATAA 1140
Db 1530 ATTGATGCTAAAATTTGAGCCACTTAAATTTAATTCATCAGATATGCTGAAATTTGATAA 1589
QY 1141 GCCCCAGATGAAAGCCCTTACATTTGGCAATTCAGATATCAAGAGAAATATGTTTGGCACA 1200
Db 1590 GCCCCAGATGAAAGCCCTTACATTTGGCAATTCAGATATCAAGAGAAATATGTTTGGCACA 1649
QY 1201 GAGAGTTATATTACAGTGTCTCAGGAGTACAGATCAAGAGATGGAGCCAGATGAA 1260

Db 1650 GAGAGTTATATTATTGACAGTGTCTCAGGAGTACAGATCAAGAAGATGGAGCCAGATGAA 1709
QY 1261 CAACTTTAGAAAATGATCAGATGAACTTTGAGAGGCCACACACCACTGACACGCACTCGAA 1320
Db 1710 CAACTTTAGAAAATGATCAGATGAACTTTGAGAGGCCACACACCACTGACACGCACTCGAA 1769
QY 1321 GACAAAAGAAAAAAA 1336
Db 1770 GACAAAAGAAAAAAA 1785

RESULT 11

US-10-450-763-4627
; Sequence 4627, Application US/10450763
; Publication No. US20050196754A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 790CIP3/US
; CURRENT APPLICATION NUMBER: US/10/450,763
; CURRENT FILING DATE: 2003-06-11
; PRIOR APPLICATION NUMBER: PCT/US01/08631
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 09/540,217
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 09/649,167
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 60736
; SOFTWARE: Custom
; SEQ ID NO 4627
; LENGTH: 3048
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIMILAR
; LOCATION: (1297)..(2982)
; OTHER INFORMATION: 62% homologous to Homo sapiens centriole associated protein
; OTHER INFORMATION: CEP110, accession number AF083322, Smith-Waterman Score=1564.
US-10-450-763-4627

Query Match 13.2%; Score 922.2; DB 10; Length 3048;
Best Local Similarity 99.1%; Pred. No. 2.4e-210;
Matches 927 M Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 4169 AAAAGAGCTTCAATGATGCAAAATGTTGAGAGCTTTATGACTGACTAGTAATAGAAAAT 4228
Db 1460 AAAGGAGCTTCAATGATGCAAAATGTTGAGAGCTTTATGACTGACTAGTAATAGAAAAT 1519
QY 4229 CACTCAACATCATGAGATATTGTAGATGAAATGAGTGCATTGAGAGACTCTTCTGA 4288
Db 1520 CACTCAACATCATGAGATATTGTAGATGAAATGAGTGCATTGAGAGACTCTTCTGA 1579
QY 4289 AACGTGCTCAGAGCTCAGGGAAGCTGACCGACTCTCTGCGAGAGGCTGAGAGTGAACCTTT 4348
Db 1580 AACGTGCTCAGAGCTCAGGGAAGCTGACCGACTCTCTGCGAGAGGCTGAGAGTGAACCTTT 1639
QY 4349 CATGCACTAAAGAAAGACAAAAATGCTGTTGAAAAATTTCACTGATGCCAGAGAGTT 4408
Db 1640 CATGCACTAAAGAAAGACAAAAATGCTGTTGAAAAATTTCACTGATGCCAGAGAGTT 1699
QY 4409 TATTGCAAACTCAGTCAAGATGCTGAGGAAATTAAGAAGAGAGCTCAGGAAACTGCTGTTA 4468
Db 1700 TATTGCAAACTCAGTCAAGATGCTGAGGAAATTAAGAAGAGAGCTCAGGAAACTGCTGTTA 1759
QY 4469 ACCTGCTCAAAAGCTGATCAGCAGCTAAGATCGCTCCAGGCTGATGCAAAAGGATTTGGAGC 4528
Db 1760 ACCTGCTCAAAAGCTGATCAGCAGCTAAGATCGCTCCAGGCTGATGCAAAAGGATTTGGAGC 1819
QY 4529 AGCAAAAATCAAGCAAGAGAAATCTTGAAGAATAAACAATAATTTAGCAGCAAAAG 4588
Db 1820 AGCAAAAATCAAGCAAGAGAAATCTTGAAGAATAAACAATAATTTAGCAGCAAAAG 1879
QY 4589 ACTCAGACTTCCATGTTTAAAGCAAGAGAAACTGACAGAGAGCTTTCAGAAAC 4648


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Db 1880 ACTCAGACTTCATGTTTAAAGCAAGAGAGAAAGAACTGACAGAGAGCTTCAGAAAC 1939
Qy 4649 TACAGAAAGCATAGAGATGCGAGAACGCAATAGGATACCACTGCGAGTCTTAAAG 4708
Db 1940 TACAGAAAGCATAGAGATGCGAGAACGCAATAGGATACCACTGCGAGTCTTAAAG 1999
Qy 4709 AATCTGAGGTGCTTCTTCAAGCCAAAGAGAGCGGAGCTGGAAGAGCTGAAAGCCAGGTGA 4768
Db 2000 AATCTGAGGTGCTTCTTCAAGCCAAAGAGAGCGGAGCTGGAAGAGCTGAAAGCCAGGTGA 2059
Qy 4769 CAAGTCAGCAGCAGAGATGCTGCTTGGACAGCGCAGTTAGGGCATAAAGAGGAGGC 4828
Db 2060 CAAGTCAGCAGCAGAGATGCTGCTTGGACAGCGCAGTTAGGGCATAAAGAGGAGGC 2119
Qy 4829 TGCATCTACTCAAGAGAGCATGTGTCAGGCAAAAGCTGACCTCCAGAGAGCTCTGAGAC 4888
Db 2120 TGCATCTACTCAAGAGAGCATGTGTCAGGCAAAAGCTGACCTCCAGAGAGCTCTGAGAC 2179
Qy 4889 TGGGAGAGACTGAAGTAACTGAGAGAGTGCATCATCATTTAGGGAAAGTAAATCTCTCTGG 4948
Db 2180 TGGGAGAGACTGAAGTAACTGAGAGAGTGCATCATCATTTAGGGAAAGTAAATCTCTCTGG 2239
Qy 4949 AAGAACTGAGTTTTCAGAAAGGAGAACTAAATGTTTCAGATTAGTGAAGAGAAACTCAAC 5008
Db 2240 AAGAACTGAGTTTTCAGAAAGGAGAACTAAATGTTTCAGATTAGTGAAGAGAAACTCAAC 2299
Qy 5009 TTACACTTATAAGCAGGAAATGAAAGAGGAGAAATCTTCAGGTTGTTTAAAGGC 5068
Db 2300 TTACACTTATAAGCAGGAAATGAAAGAGGAGAAATCTTCAGGTTGTTTAAAGGC 2359
Qy 5069 AGATGCTTAAACATAAACCGAATTAAGATATT 5103
Db 2360 AGATGCTTAAACATAAACCGAATTAAGATATT 2394
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RESULT 12

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US-10-296-115-187
; Sequence 187, Application US/10296115
; Publication No. US20040053248A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq Inc
; TITLE OF INVENTION: No. US20040053248A1el Nucleic Acids and Polypeptides
; FILE REFERENCE: 784PCT
; CURRENT APPLICATION NUMBER: US/10/296,115
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US09/488,725
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US09/552,317
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 1478
; SEQ ID NO 187
; LENGTH: 916
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-296-115-187
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Query Match 13.1%; Score 912.8; DB 8; Length 916;
Best Local Similarity 99.8%; Pred. No. 2.1e-208;
Matches 914; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2697 TTTTGATAAGAGGCAACATGAGCAGAGATCCAGCAATCGAGATCAAAATTCACATTTT 2756
Db 1 TTTTGATAAGAGGCAACATGAGCAGAGATCCAGCAATCGAGATCAAAATTCACATTTT 60
Qy 2757 GCAAGAAATCTAAAGATGAGAGGAAATCCAGGCTTACAGATCTCCAACTTCAGGA 2816
Db 61 GCAAGAAATCTAAAGATGAGAGGAAATCCAGGCTTACAGATCTCCAACTTCAGGA 120
Qy 2817 AGCTGATGAAGAGAGGAGAGAAATCTGGCCCAATCTCGAGAGTTAGAGAAAGAGAA 2876
Db 121 AGCTGATGAAGAGAGGAGAGAAATCTGGCCCAATCTCGAGAGTTAGAGAAAGAGAA 180
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Qy 2877 ACTTGAAGATGCCAAATCTCAGGAGCAAGTTTTTGGTTTATAGATAAGAACTGAAGAAACT 2936
Db 181 ACTTGAAGATGCCAAATCTCAGGAGCAAGTTTTTGGTTTATAGATAAGAACTGAAGAAACT 240
Qy 2937 AAAGAAAGCCGTCGCCCACTCTGATTAAGCTAGCCACAGCTGAGCTCACTTGCACAAAGA 2996
Db 241 AAAGAAAGCCGTCGCCCACTCTGATTAAGCTAGCCACAGCTGAGCTCACTTGCACAAAGA 300
Qy 2997 CGAGCTGAAGTCCCTTCATGGAATCTGTTATGAATTAACCAAGAGCGAGCAGAGGAGTT 3056
Db 301 CGAGCTGAAGTCCCTTCATGGAATCTGTTATGAATTAACCAAGAGCGAGCAGAGGAGTT 360
Qy 3057 GCAGGAAGCAGAGAGGTTTCAGCAGAAAGCGCAGCAGCAGCAGAGATCTCACCCGAGC 3116
Db 361 GCAGGAAGCAGAGAGGTTTCAGCAGAAAGCGCAGCAGCAGCAGAGATCTCACCCGAGC 420
Qy 3117 AGAAGCTGAGATCGAACTCTCTGAGAAATCTCTCAGCAGAAAGGGGAGCAGTTTCGACT 3176
Db 421 AGAAGCTGAGATCGAACTCTCTGAGAAATCTCTCAGCAGAAAGGGGAGCAGTTTCGACT 480
Qy 3177 TGAGATGGAGAAACAGGTTCTAGGTACTGGAGCAAACTCAGGTCTTAGAAATTTGAGAA 3236
Db 481 TGAGATGGAGAAACAGGTTCTAGGTACTGGAGCAAACTCAGGTCTTAGAAATTTGAGAA 540
Qy 3237 ACTGAATGAGCAATGGAACGACAAAGGACAGAGATTGCAAGGCTGCAGAAATTTGAGAA 3296
Db 541 ACTGAATGAGCAATGGAACGACAAAGGACAGAGATTGCAAGGCTGCAGAAATTTGAGAA 600
Qy 3297 CTTCACTGGAAGTGACAAACAAAGGAGCTTTGAAAATGTTTTAGAGAAATTTGCTGAAT 3356
Db 601 CTTCACTGGAAGTGACAAACAAAGGAGCTTTGAAAATGTTTTAGAGAAATTTGCTGAAT 660
Qy 3357 TCGACGTGAAGTTTCTTATCAGAAATGATTACATAAGCAGCATGCGAGATCTTTTCAAAAG 3416
Db 661 TCGACGTGAAGTTTCTTATCAGAAATGATTACATAAGCAGCATGCGAGATCTTTTCAAAAG 720
Qy 3417 ACAGGCTATTGGTACTTTATGCCACCACCAACCATCATCAAAAGTTTCCAGCCATAGTTC 3476
Db 721 ACAGGCTATTGGTACTTTATGCCACCACCAACCATCATCAAAAGTTTCCAGCCATAGTTC 780
Qy 3477 CAAGGCCACCAAGGACTCTGGTGTGGCTTAAAGTACTAGCTCAACTCTGTTAGAAA 3536
Db 781 CAAGGCCACCAAGGACTCTGGTGTGGCTTAAAGTACTAGCTCAACTCTGTTAGAAA 840
Qy 3537 ACCACGCCCTGGCAGCAGATGGAGGAGGAGCAGTCAACCTCCCTCCCTCAGGATA 3596
Db 841 ACCACGCCCTGGCAGCAGATGGAGGAGGAGCAGTCAACCTCCCTCAGGATA 900
Qy 3597 CTGGGTTTATTCTCTCC 3612
Db 901 CTGGGTTTATTCTCTCC 916
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RESULT 13

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; Sequence 8675, Application US/10779543
; Publication No. US20050227917A1
; GENERAL INFORMATION:
; APPLICANT: Williams et al
; TITLE OF INVENTION: GENE PRODUCTS DIFFERENTIALLY EXPRESSED
; TITLE OF INVENTION: IN CANCEROUS CELLS AND THEIR METHODS OF USE II
; FILE REFERENCE: 2300-21302
; CURRENT APPLICATION NUMBER: US/10/779,543
; CURRENT FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: 10/076,555
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 09/217,471
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: 60/068,755
; PRIOR FILING DATE: 1997-12-23
; PRIOR APPLICATION NUMBER: 60/080,664
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: 60/105,234
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; PRIOR FILING DATE: 1998-10-21
 ; PRIOR APPLICATION NUMBER: 09/297,648
 ; PRIOR FILING DATE: 2000-04-10
 ; PRIOR APPLICATION NUMBER: PCT/US99/01619
 ; PRIOR FILING DATE: 1999-01-28
 ; PRIOR APPLICATION NUMBER: 60/072,910
 ; PRIOR FILING DATE: 1998-01-28
 ; PRIOR APPLICATION NUMBER: 60/075,954
 ; PRIOR FILING DATE: 1998-02-24
 ; PRIOR APPLICATION NUMBER: 60/080,114
 ; PRIOR FILING DATE: 1998-03-31
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 23767
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 8675
 ; LENGTH: 667
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: 2, 3, 5, 21, 22, 24, 26, 30, 124, 586, 606, 645, 654, 660
 ; OTHER INFORMATION: n = A,T,C or G
 US-10-779-543-8675

Query Match 7.6%; Score 531.8; DB 10; Length 667;
 Best Local Similarity 97.9%; Pred. No. 9.2e-117; Indels 2; Gaps 2;
 Matches 558; Conservative 0; Mismatches 10;

QY	5981	CAAGCTGCTGGCAGCTGAAGAGCGTGTAGGACTCTGCGAGGAGGAGGAGGTGGTG	6040
DB	28	CTWAGGCGCTGGCAGCTGAAGAGCGTGTAGGACTCTGCGAGGAGGAGGAGGTGGTG	87
QY	6041	AGAGCTGGAGAGACACTCTCCAACTAAACGGCAGCTTTGAGAAAGGAGGAGCAAT	6100
DB	88	AGAGCTGGAGAGACACTCTCCAACTAAACGGCAGCTTTGAGAAAGGAGGAGCAAT	147
QY	6101	TGGTGAGAAATCAGGTGAGCTGTGGCCCTCCAGAAAGGAGGAGGATCTATGAGGCGAG	6160
DB	148	TGGTGAGAAATCAGGTGAGCTGTGGCCCTCCAGAAAGGAGGAGGATCTATGAGGCGAG	207
QY	6161	ACTTCAGCCTTCTCGGGAACACAGTCTTGACAGAAAGAAAGAGTGAAGCAGGTGG	6220
DB	208	ACTTCAGCCTTCTCGGGAACACAGTCTTGACAGAAAGAAAGAGTGAAGCAGGTGG	267
QY	6221	CCAGCTGAAGGAAGCACTTAAGATCCAGCGGAGCCAGCTGGAGAAACCTTCTTGAGC	6280
DB	268	CCAGCTGAAGGAAGCACTTAAGATCCAGCGGAGCCAGCTGGAGAAACCTTCTTGAGC	327
QY	6281	AAAAACAGGAGACAGCTGCATACAAAGGAAATGGCAACAAATTGAACTGGTAGCCGAGG	6340
DB	328	AAAAACAGGAGACAGCTGCATACAAAGGAAATGGCAACAAATTGAACTGGTAGCCGAGG	387
QY	6341	ACAACCATGAGCGGGCAGCGCTGATGAAGAGGCTCAACACAGATGCAGTATGAGTACA	6400
DB	388	ACAACCATGAGCGGGCAGCGCTGATGAAGAGGCTCAACACAGATGCAGTATGAGTACA	447
QY	6401	CGAGCTCAAGAAACAGATGGCAACCAAAAGATTGGAGAGAGCAAAATGGAATCA	6460
DB	448	CGAGCTCAAGAAACAGATGGCAACCAAAAGATTGGAGAGAGCAAAATGGAATCA	507
QY	6461	GTGATCCATGAGGACACTTAATCTGAGGTGAAGATGAAATCAGAACCCAGCTTCGA	6520
DB	508	GTGATCCATGAGGACACTTAATCTGAGGTGAAGATGAAATCAGAACCCAGCTTCGA	566
QY	6521	ATCTTAATCAGTTTCTTCCAGAACTACCAG	6550
DB	567	AT-TTAATCAGTTTCTTCCNACTCCACAG	595

RESULT 14
 US-09-796-692-5887
 ; Sequence 5887, Application US/09796692
 ; Publication No. US20020198362A1

; GENERAL INFORMATION:
 ; APPLICANT: Gaiger, Alexander
 ; APPLICANT: Algate, Paul A.
 ; APPLICANT: Mannion, Jane
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
 ; FILE REFERENCE: 2077.001200
 ; CURRENT APPLICATION NUMBER: US/09/796,692
 ; CURRENT FILING DATE: 2001-03-01
 ; PRIOR APPLICATION NUMBER: 60/186,126
 ; PRIOR FILING DATE: 2000-03-01
 ; PRIOR APPLICATION NUMBER: 60/190,479
 ; PRIOR FILING DATE: 2000-03-17
 ; PRIOR APPLICATION NUMBER: 60/200,545
 ; PRIOR FILING DATE: 2000-04-27
 ; PRIOR APPLICATION NUMBER: 60/200,303
 ; PRIOR FILING DATE: 2000-04-28
 ; PRIOR APPLICATION NUMBER: 60/200,779
 ; PRIOR FILING DATE: 2000-04-28
 ; PRIOR APPLICATION NUMBER: 60/200,999
 ; PRIOR FILING DATE: 2000-05-01
 ; PRIOR APPLICATION NUMBER: 60/202,084
 ; PRIOR FILING DATE: 2000-05-04
 ; PRIOR APPLICATION NUMBER: 60/206,201
 ; PRIOR FILING DATE: 2000-05-22
 ; PRIOR APPLICATION NUMBER: 60/218,950
 ; PRIOR FILING DATE: 2000-07-14
 ; PRIOR APPLICATION NUMBER: 60/222,903
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: 60/223,416
 ; PRIOR FILING DATE: 2000-08-04
 ; PRIOR APPLICATION NUMBER: 60/223,378
 ; PRIOR FILING DATE: 2000-08-07
 ; NUMBER OF SEQ ID NOS: 9597
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 5887
 ; LENGTH: 464
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-796-692-5887

Query Match 6.2%; Score 434.8; DB 3; Length 464;
 Best Local Similarity 99.1%; Pred. No. 1.7e-93;
 Matches 458; Conservative 0; Mismatches 2; Indels 2; Gaps 2;

QY	6297	CTGCATACAAAAGAAATGGCAACAATTTGAACTGGTAGCCAGCAACCAATGAGCGGC	6356
DB	1	CTGCATACAAAAGAAATGGCAACAATTTGAACTGGTAGCCAGCAACCAATGAGCGGC	60
QY	6357	CAGGCGCTGTGAAGAGCTCAACAGATGCAAGTATGATGACAGGAGCTCAGAAACA	6416
DB	61	CAGGCGCTGTGAAGAGCTCAACAGATGCAAGTATGATGACAGGAGCTCAGAAACA	120
QY	6417	GATGGCAACCAAAAGATTGGAGAGAGACAAATGGAATCAGTATGCAATGAGGAC	6476
DB	121	GATGGCAACCAAAAGATTGGAGAGAGACAAATGGAATCAGTATGCAATGAGGAC	180
QY	6477	ACTTAATCTGAGGTGAAGATGAAATCAGAACCACTTGAAGAACTTTAATCAGTTCT	6536
DB	181	ACTTAATCTGAGGTGAAGATGAAATCAGAACCACTTGAAGAACTTTAATCAGTTCT	240
QY	6537	TCAGAACTACAGAGATCTAGAGCTATTTGGAAAGAAAGCAAACTAGAGAGA	6596
DB	241	TCAGAACTACAGAGATCTAGAGCTATTTGGAAAGAAAGCAAACTAGAGAGA	300
QY	6597	ATTGGAAGCTTGAAGAGAACCTTCCATTTACCATGAATGAGGAGCTTTTGAAGAAA	6656
DB	301	ATTGGAAGCTTGAAGAGAACCTTCCATTTACCATGAATGAGGAGCTTTTGAAGAAA	360
QY	6657	ACTGAACCTTTCCCAAGTTTCAATATGATGAACACTGCGGTGGAG-AAGCACTCCGG	6715
DB	361	ACTGAACCTTTCCCAAGTTTCAATATGATGAACACTGCGGTGGAGAAAGCACTCCGG	420

GenCore version 5.1.9
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Searched: 1403666 seqs, 935554401 residues

Total number of hits satisfying chosen parameters: 2807332

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
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Listing first 45 summaries

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4: /EMC_Celerra_SID83/prodata/2/ina/6B COMB.seq.*
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7: /EMC_Celerra_SID83/prodata/2/ina/PCTUS COMB.seq.*
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9: /EMC_Celerra_SID83/prodata/2/ina/RE COMB.seq.*
10: /EMC_Celerra_SID83/prodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	3013.4	43.2	3881	3	US-09-949-016-3905 Sequence 3905, Ap
2	3008.6	43.1	3893	3	US-09-949-016-908 Sequence 908, App
3	2403.2	34.4	2631	3	US-10-104-047-52 Sequence 52, Appl
4	427.8	6.1	499	3	US-09-854-133-333 Sequence 333, App
5	373.4	5.4	375	2	US-08-743-200-11 Sequence 11, Appl
6	323.4	4.6	442	3	US-09-513-999C-2604 Sequence 2604, Ap
7	318.6	4.6	29574	3	US-09-949-016-12650 Sequence 12650, A
8	318.6	4.6	29574	3	US-09-949-016-15647 Sequence 15647, A
9	315	4.5	315	2	US-08-743-200-1 Sequence 1, Appl
10	314.6	4.5	330	2	US-08-743-200-5 Sequence 5, Appl
11	302.6	4.3	784	4	US-09-237-648-2944 Sequence 2944, Ap
12	300	4.3	300	4	US-09-237-648-1518 Sequence 1518, Ap
13	228	3.3	228	2	US-08-743-200-13 Sequence 13, Appl
14	224.4	3.2	601	3	US-09-949-016-35518 Sequence 35518, A
15	224.4	3.2	601	3	US-09-949-016-138497 Sequence 138497, A
16	193	2.8	601	3	US-09-949-016-35514 Sequence 35514, A
17	193	2.8	601	3	US-09-949-016-138493 Sequence 138493, A
18	146	2.1	146	2	US-08-743-200-7 Sequence 7, Appl
19	141.2	2.0	743	4	US-09-237-648-4538 Sequence 4538, Ap
20	130	1.9	601	3	US-09-949-016-35513 Sequence 35513, A
21	130	1.9	601	3	US-09-949-016-138492 Sequence 138492, A
22	113	1.6	113	2	US-08-743-200-9 Sequence 9, Appl
23	113	1.6	155	3	US-09-513-999C-22227 Sequence 22227, A

ALIGNMENTS

RESULT 1.

US-09-949-016-3905
; Sequence 3905, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3905
; LENGTH: 3881
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-3905

Query Match	43.2%	Score	3013.4	DB	3	Length	3881
Best Local Similarity	99.9%	Pred.	No. 0				
Matches	3014	Conservative	0	Mismatches	1	Indels	0
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QY	3964	GAGAATGAGTTCTTAGATAGACATTAATGACGATTTAAATCAAGAGCGGAA	4023				
DB	443	GAGAATGAGTTCTTAGATAGACATTAATGACGATTTAAATCAAGAGCGGAA	502				
QY	4024	GAAAGTGATGAGACATCCAGCGGAGTCCGAGAGAAATGGAAGAACTGCATCAT	4083				
DB	503	GAAAGTGATGAGACATCCAGCGGAGTCCGAGAGAAATGGAAGAACTGCATCAT	562				
QY	4084	AATATTGATGATCTTTTTCGAAGAGAGAAAAGCTTAGTGTTGAAGTAATTCAT	4143				
DB	563	AATATTGATGATCTTTTTCGAAGAGAGAAAAGCTTAGTGTTGAAGTAATTCAT	622				
QY	4144	AGNACTGTCCGAAACGTCACAGCAAGAGGACTTTCATTGATGGAATGTTGAGAGCTT	4203				
DB	623	AGNACTGTCCGAAACGTCACAGCAAGAGGACTTTCATTGATGGAATGTTGAGAGCTT	682				
QY	4204	ATGACTGAACTAGAAATAGAAAAATCACTCAAACATCATGAAGATATTTGATGAATT	4263				

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Sequence 20, Appl
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Sequence 4893, Ap
Sequence 10806, A
Sequence 3, Appl
Sequence 4123, Ap
Sequence 1318, Ap
Sequence 3, Appl
Sequence 22, Appl
Sequence 54, Appl
Sequence 54, Appl
Sequence 27, Appl
Sequence 26275, A

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QY
4264 GAGTGCATTGAGAGACTCTTTCTGAACGTCGCTCAGAGCTCAGGGAAGCTGACCGACTC 4323
Db
743 GAGTGCATTGAGAGACTCTTTCTGAACGTCGCTCAGAGCTCAGGGAAGCTGACCGACTC 802
QY
4324 CTGGCAGAGGCTGAGAGTGAATCTTATGCACTTAAGAAAGACAAAAATGCTGTTGAA 4383
Db
803 CTGGCAGAGGCTGAGAGTGAATCTTATGCACTTAAGAAAGACAAAAATGCTGTTGAA 862
QY
4384 AAGTTCATGATGCCAGAGAAAGTTTATTGCAAACTGAGTCAGATGCTGAGGAATTAGAA 4443
Db
863 AAGTTCATGATGCCAGAGAAAGTTTATTGCAAACTGAGTCAGATGCTGAGGAATTAGAA 922
QY
4444 AGGAGAGCTCAGGAAACTGCTGTTAACTCGTCAAAAGCTGATCAGCAGCTAAGATCGCTC 4503
Db
923 AGGAGAGCTCAGGAAACTGCTGTTAACTCGTCAAAAGCTGATCAGCAGCTAAGATCGCTC 982
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4504 CAGGCTGATGCAAAAGGATTTGGAGCAGCACAAATCAAGCAAGAGAAATCTTTGAAGAA 4563
Db
983 CAGGCTGATGCAAAAGGATTTGGAGCAGCACAAATCAAGCAAGAGAAATCTTTGAAGAA 1042
QY
4564 ATAAACAAAATTGTAGCAGCAAAAAGACTCAGACTTCCAAATGTTTAAAGCAAGAAAGGAA 4623
Db
1043 ATAAACAAAATTGTAGCAGCAAAAAGACTCAGACTTCCAAATGTTTAAAGCAAGAAAGGAA 1102
QY
4624 AAATCTGACAGAAAGCTTCAGAAAATCAGAAAAGACATAGAGATGGCAGAACGCAATGAG 4683
Db
1103 AAATCTGACAGAAAGCTTCAGAAAATCAGAAAAGACATAGAGATGGCAGAACGCAATGAG 1162
QY
4684 GATCACCACCTGCAAGTCTTTAAAGATCTGAGTGTCTTTCAGGGCCAAAGAGCCGAG 4743
Db
1163 GATCACCACCTGCAAGTCTTTAAAGATCTGAGTGTCTTTCAGGGCCAAAGAGCCGAG 1222
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4744 CTGGAAGAGCTGAAAAGCAGGTCACAACTCAGCAGCAGAGATGGTGTCTTGGACAGG 4803
Db
1223 CTGGAAGAGCTGAAAAGCAGGTCACAACTCAGCAGCAGAGATGGTGTCTTGGACAGG 1282
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4804 CAGTTAGGGCATAAAAAGGAGGAGCTGCATCTACTCAAGGAAGCATGGTCCAGGCAAAA 4863
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1403 ATTAGGGAAGTAAATCTCTTCTGGAAGACTGAGTGTCTTCAAGGAAGCAACTAAATGTT 1462
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4984 CAGATTAGTGAAGAAAACCTCAACTTACACTTATAAGCAGGAAATTTGAAAAGAGGAA 5043
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1463 CAGATTAGTGAAGAAAACCTCAACTTACACTTATAAGCAGGAAATTTGAAAAGAGGAA 1522
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5104 CTGACATGTTTGAACCTTGAAGACCATGAGCTACAAGTTTGAAGCTTACAACATGACCAA 5163
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1643 AGGATATCTGAATTTAGAGAAAGACTCAGTGGCAGTGTCTAGAGGAAACTGGAGTTAGAG 1702
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5224 AATTGACGACATATCCAGCAGCAGAAAGGGGAAATAGAGTGGCAGAGACGCTCCTT 5283
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1703 AATTGACGACATATCCAGCAGCAGAAAGGGGAAATAGAGTGGCAGAGACGCTCCTT 1762
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5284 GAGAGGATTAACAGAAATAGAACGAATGACTGCTGAGTCCCGAGCTTTTACAAATCGTGT 5343
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1763 GAGAGGGATAAACGAGAAATAGAAACGATGACTGCTGAGTCCCGAGCTTTTACAATCGTGT 1822
QY
5344 GTTGAAGTGTGAGCAGAAAAGGAAGATCTTCAAGAGAGAAATGTGACATTTTGGGAAAAA 5403
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1823 GTTGAAGTGTGAGCAGAAAAGGAAGATCTTCAAGAGAGAAATGTGACATTTTGGGAAAAA 1882
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5404 AAGTTGGCACAACACCAAAAGGGTTTTAGCAGCAGCAGAGAAAATAGCAAAATGGAGCAA 5463
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1883 AAGTTGGCACAACACCAAAAGGGTTTTAGCAGCAGCAGAGAAAATAGCAAAATGGAGCAA 1942
QY
5464 TCAAACTTAGAAAAGTTGGAATTTGAAATGTGCAAGAAAATCTGAGCAGGAACTAGACCACTA 5523
Db
1943 TCAAACTTAGAAAAGTTGGAATTTGAAATGTGCAAGAAAATCTGAGCAGGAACTAGACCACTA 2002
QY
5524 AACAGAGACAGTTGTCTACCTGCAATACGATTTTCAAGCAATGCAACAGCAGCTCCAGAA 5583
Db
2003 AACAGAGACAGTTGTCTACCTGCAATACGATTTTCAAGCAATGCAACAGCAGCTCCAGAA 2062
QY
5584 AAACGAGAGACAGTAAACTCACTGCAAGGAGAACTAGCTAAATGTCCAAGACCACTTTGAAC 5643
Db
2063 AAACGAGAGACAGTAAACTCACTGCAAGGAGAACTAGCTAAATGTCCAAGACCACTTTGAAC 2122
QY
5644 CTAGCAAAAACAGGACCTGCTTCAACACCAAGCATCAGATGTGTTGCTCAGTGAAGAG 5703
Db
2123 CTAGCAAAAACAGGACCTGCTTCAACACCAAGCATCAGATGTGTTGCTCAGTGAAGAG 2182
QY
5704 ACCGACTCCAGAAAGACATCAGTGAATGGGCAATAGGTTTGAAGACTCTCGAAGAA 5763
Db
2183 ACCGACTCCAGAAAGACATCAGTGAATGGGCAATAGGTTTGAAGACTCTCGAAGAA 2242
QY
5764 GAGGAGCAAAAACCAACAACTTCAAGTCTTCAAGATGAGATTTGAAGAAAACCAAGCTC 5823
Db
2243 GAGGAGCAAAAACCAACAACTTCAAGTCTTCAAGATGAGATTTGAAGAAAACCAAGCTC 2302
QY
5824 AAACTAGTCCAAACAGAAATGATGTTTCAAGACTCCAGAAAGAGAGAAAGTGAAGAA 5883
Db
2303 AAACTAGTCCAAACAGAAATGATGTTTCAAGACTCCAGAAAGAGAGAAAGTGAAGAA 2362
QY
5884 AGCAAAATTAGAAAACCAAGTAAAGTGAACCTGAAGGAGCAACAGCAGCTGGAAAAGGAA 5943
Db
2363 AGCAAAATTAGAAAACCAAGTAAAGTGAACCTGAAGGAGCAACAGCAGCTGGAAAAGGAA 2422
QY
5944 TTAACAGACCAAGAAAAGCAAACTGGACCAAGTCTCTCAAGAGTGTCTGGCAGCTGAAGAG 6003
Db
2423 TTAACAGACCAAGAAAAGCAAACTGGACCAAGTCTCTCAAGAGTGTCTGGCAGCTGAAGAG 2482
QY
6004 CGTGTTAGGACTCTGCAAGGAGAGAGAGTGTGTGAGAGCTTGGAGAGACACTCTCC 6063
Db
2483 CGTGTTAGGACTCTGCAAGGAGAGAGAGTGTGTGAGAGCTTGGAGAGACACTCTCC 2542
QY
6064 CAAAATTAACCGCAGCTTTTCAGAAAAGGAGCAGCAATTTGGTGGAGAAATCAGGTGAGCTG 6123
Db
2543 CAAAATTAACCGCAGCTTTTCAGAAAAGGAGCAGCAATTTGGTGGAGAAATCAGGTGAGCTG 2602
QY
6124 TTGGCCCTCCAGAAAAGAGGAGAGATTTCTATGAGGGCAGACTTCAGCCCTTCTGCGGAACAG 6183
Db
2603 TTGGCCCTCCAGAAAAGAGGAGAGATTTCTATGAGGGCAGACTTCAGCCCTTCTGCGGAACAG 2662
QY
6184 TTCTTGACAGAAAAGAAAGAAAGCTGAGAGCAGGTGGCCAGCTTGAAGGAAGCACTTAAG 6243
Db
2663 TTCTTGACAGAAAAGAAAGAAAGCTGAGAGCAGGTGGCCAGCTTGAAGGAAGCACTTAAG 2722
QY
6244 ATCCAGGGAGCCAGCTGGGAGAAAACCTTCTTGAACAAAACAGGAGAAACAGCTGCATA 6303
Db
2723 ATCCAGGGAGCCAGCTGGGAGAAAACCTTCTTGAACAAAACAGGAGAAACAGCTGCATA 2782
QY
6304 CAAAAGAAATGCAACAAATTTGAACCTGGTAGCCAGGACCAACCATGAGCGGGCCAGCGC 6363
Db
2783 CAAAAGAAATGCAACAAATTTGAACCTGGTAGCCAGGACCAACCATGAGCGGGCCAGCGC 2842
QY
6364 CTGATGAAGGAGCTCAACCAAGATGAGTATGATACAGGAGCTCAAGAAAACAGATGGCA 6423
Db
2843 CTGATGAAGGAGCTCAACCAAGATGAGTATGATACAGGAGCTCAAGAAAACAGATGGCA 2902
QY
|||||

QY 6424 AACCAAAAGATTTGGAGAGAGACAAATGGAATCAGTGATGCAATGAGGACACTTAAA 6483
DB 2903 AACCAAAAGATTTGGAGAGAGACAAATGGAATCAGTGATGCAATGAGGACACTTAAA 2962
QY 6484 TCTGAGTGAAGGATGAATCAGAACAGCTTGAAGAACTTAAATCACTTTCTTCCAGAA 6543
DB 2963 TCTGAGTGAAGGATGAATCAGAACAGCTTGAAGAACTTAAATCACTTTCTTCCAGAA 3022
QY 6544 CTACACGAGATCTAGAGCTTATTTGGAAAGAACGAAACCTAGAGGAGGATTCGAA 6603
DB 3023 CTACACGAGATCTAGAGCTTATTTGGAAAGAACGAAACCTAGAGGAGGATTCGAA 3082
QY 6604 AGCTTTGAAGAGAACCTTCCATTTTACCATGAATCAGGAGCACTTTTGAAGAAAACTGAAC 6663
DB 3083 AGCTTTGAAGAGAACCTTCCATTTTACCATGAATCAGGAGCACTTTTGAAGAAAACTGAAC 3142
QY 6664 TTTTCCAAAGTTCAATAAGGATGAACACCTGGCGTGGAGAGCACTCCGGGAAAACTG 6723
DB 3143 TTTTCCAAAGTTCAATAAGGATGAACACCTGGCGTGGAGAGCACTCCGGGAAAACTG 3202
QY 6724 GGTACCGGAGAACCACTCAAGGCCCACTCCGACACTGTATGTCGAAGCAAGCAGAA 6783
DB 3203 CGTCACCGGAGAACCACTCAAGGCCCACTCCGACACTGTATGTCGAAGCAAGCAGAA 3262
QY 6784 GTATTAAATTAAGGAGAACCGGACAGAGAGGCACTTTACACAGTTTGAGGAGCAAGTA 6843
DB 3263 GTATTAAATTAAGGAGAACCGGACAGAGAGGCACTTTACACAGTTTGAGGAGCAAGTA 3322
QY 6844 GATCTTTAGGGGAATTTGGTACCAGCACTCTGCAGATTCAGCGTCAATCACCAGTCTG 6903
DB 3323 GATCTTTAGGGGAATTTGGTACCAGCACTCTGCAGATTCAGCGTCAATCACCAGTCTG 3382
QY 6904 TCTCAGCTGAGTCTTCCCTCAGAGAGCACTCTCAACTTGGACAAATTCAGGAAAAAAT 6963
DB 3383 TCTCAGCTGAGTCTTCCCTCAGAGAGCACTCTCAACTTGGACAAATTCAGGAAAAAAT 3442
QY 6964 GCCTCAGCCAGTGA 6978
DB 3443 GCCTCAGCCAGTGA 3457

RESULT 2
US-09-949-016-908
; Sequence 908, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 908
; LENGTH: 3893
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-908

Query Match 43.1%; Score 3008.6; DB 3; Length 3893;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 3011; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 3964 GAGAAATGAGTTCTAGATTAGAGACATAATCAGGCACTTTAAATCAAGAGCGGAA 4023

DB 443 GAGATGAAGATTTCTAGATTAGAGACATAATCAGCACTTTAAATCAAGAGCGGAA 502
QY 4024 GAAAGGTGGATGAGAGCATCCAAAGCGCACTCGAGAGAAAGAAATGGAAGAACTGCATCAT 4083
DB 503 GAAAGGTGGATGAGAGCATCCAAAGCGCACTCGAGAGAAAGAAATGGAAGAACTGCATCAT 562
QY 4084 AATATTGATGATCTTTTGCAGAGAGAGAAAGCTTGAAGTGTGAAGTAGAAGAAATTCAT 4143
DB 563 AATATTGATGATCTTTTGCAGAGAGAGAAAGCTTGAAGTGTGAAGTAGAAGAAATTCAT 622
QY 4144 AGAATCTGTCAGAGAAACGTCAACAGCAAGAAAGCACTTCATTCATGAGAAATGTTGAGAGTCTT 4203
DB 623 AGAATCTGTCAGAGAAACGTCAACAGCAAGAAAGCACTTCATTCATGAGAAATGTTGAGAGTCTT 682
QY 4204 ATCACTGAACCTAGAAATAGAAAAATCACTCAAACTCATCAAGATATTTGTAGATGAATTT 4263
DB 683 ATCACTGAACCTAGAAATAGAAAAATCACTCAAACTCATCAAGATATTTGTAGATGAATTT 742
QY 4264 GAGTGCATTTGAGAGAGCACTTTCTGAAACGTCTCAGAGCTCAGGGAAGCTGACCGACTC 4323
DB 743 GAGTGCATTTGAGAGAGCACTTTCTGAAACGTCTCAGAGCTCAGGGAAGCTGACCGACTC 802
QY 4324 CTGGCAGAGCTGAGAGTGAACCTTTTCAATGCACTAAAGAAAGACAAAAATGCTGTTGAA 4383
DB 803 CTGGCAGAGCTGAGAGTGAACCTTTTCAATGCACTAAAGAAAGACAAAAATGCTGTTGAA 862
QY 4384 AAGTTCACCTGATGCCAAGAGAGTATTTATTCGCAACTGAGTCAGATGCTGAGGAAATTAGAA 4443
DB 863 AAGTTCACCTGATGCCAAGAGAGTATTTATTCGCAACTGAGTCAGATGCTGAGGAAATTAGAA 922
QY 4444 AGAGAGAGCTCAGGAAACCTGCTGTTAAACCTCGTCAAAAGCTGATCAGCAGCTAAGATCGCTC 4503
DB 923 AGAGAGAGCTCAGGAAACCTGCTGTTAAACCTCGTCAAAAGCTGATCAGCAGCTAAGATCGCTC 982
QY 4504 CAGGCTGATGCAAAAGGATTTGGAGAGAGCAAAATCAGCAAGAGAAATCTTGAAGAA 4563
DB 983 CAGGCTGATGCAAAAGGATTTGGAGAGAGCAAAATCAGCAAGAGAAATCTTGAAGAA 1042
QY 4564 ATAAACAAATTTGACAGCAAAAGAGCTCAGATCTCCAAATGTTTAAAGCAAGAGAAAGAA 4623
DB 1043 ATAAACAAATTTGACAGCAAAAGAGCTCAGATCTCCAAATGTTTAAAGCAAGAGAAAGAA 1102
QY 4624 AAATGACAGAGAGCTTTCAGAAACCTACAGAAAGACATAGAGATGGCAGAACCAATGAG 4683
DB 1103 AAATGACAGAGAGCTTTCAGAAACCTACAGAAAGACATAGAGATGGCAGAACCAATGAG 1162
QY 4684 GATCACCACCTGCAAGTCTTAAAGAAATCTGAGGTGCTTTCAGGCCCCAAAGAGCCGAG 4743
DB 1163 GATCACCACCTGCAAGTCTTAAAGAAATCTGAGGTGCTTTCAGGCCCCAAAGAGCCGAG 1222
QY 4744 CTGGAAGAGCTGAAAGCCAGGTCAGAGTCAGCAGCAGAGATGGCTGCTTTCGAGCAGG 4803
DB 1223 CTGGAAGAGCTGAAAGCCAGGTCAGAGTCAGCAGCAGAGATGGCTGCTTTCGAGCAGG 1282
QY 4804 CAGTTAGGGCATAAAAAGGAGAGCTGCACTTACTCAAGAGAGCATGGTCCAGGCAAAA 4863
DB 1283 CAGTTAGGGCATAAAAAGGAGAGCTGCACTTACTCAAGAGAGCATGGTCCAGGCAAAA 1342
QY 4864 GCTGACCTCCAGAGAGCTCTGAGAGCTGGGAGAGAGCTGAAATTAATGAGAGAGTCAATC 4923
DB 1343 GCTGACCTCCAGAGAGCTCTGAGAGCTGGGAGAGAGCTGAAATTAATGAGAGAGTCAATC 1402
QY 4924 ATTAGGAGTAAATCTCTTCTGGAAGAGCTCAGTTTTCAGAAAGGAGAGCAATTAATGTT 4983
DB 1403 ATTAGGAGTAAATCTCTTCTGGAAGAGCTCAGTTTTCAGAAAGGAGAGCAATTAATGTT 1462
QY 4984 CAGATTAGTGAAGAAAAAACTCAACTTATTAAGCAGGAAATTTGAAAAAGAGGAA 5043
DB 1463 CAGATTAGTGAAGAAAAAACTCAACTTATTAAGCAGGAAATTTGAAAAAGAGGAA 1522
QY 5044 GAAAAATCTTCAGGTGTTTAAAGCAGAGTGTCTTAAACATTAACCCGAACTTAAAGAAATTT 5103
DB 1523 GAAAAATCTTCAGGTGTTTAAAGCAGAGTGTCTTAAACATTAACCCGAACTTAAAGAAATTT 1582

Qy	5104	CTG	GACATGTTGCAACTTTGAAACCCATGAGCTACAAGGTTTGAAGCTTACAAACATGACCAA	5161
Db	1583	CTG	GACATGTTGCAACTTTGAAACCCATGAGCTACAAGGTTTGAAGCTTACAAACATGACCAA	1642
Qy	5164	AGG	TATCTGAATTAGAGAAGACTCAGGTGGCAGTGTCTAGAGAGAGAACTGAGGTTTAGAG	5223
Db	1643	AGG	TATCTGAATTAGAGAAGACTCAGGTGGCAGTGTCTAGAGAGAGAACTGAGGTTTAGAG	1702
Qy	5224	AA	TTTGACAGAGATATCCCAAGCAGCAAGAAAGGGGAAATAGAGTGGCAGAGACAGCTCCCTT	5283
Db	1703	AA	TTTGACAGAGATATCCCAAGCAGCAAGAAAGGGGAAATAGAGTGGCAGAGACAGCTCCCTT	1762
Qy	5284	GAG	AGGGATAAACGAGAAATAGAACGAATGACTGTGAGTCCGAGCTTTTACATCGTGT	5343
Db	1763	GAG	AGGGATAAACGAGAAATAGAACGAATGACTGTGAGTCCGAGCTTTTACATCGTGT	1822
Qy	5344	GTT	CAGTGTGTTGACCAAGAAAGGAGAGATCTCCACAGAGAAATGTGACATTTTCGGGAAAA	5403
Db	1823	GTT	CAGTGTGTTGACCAAGAAAGGAGAGATCTCCACAGAGAAATGTGACATTTTCGGGAAAA	1882
Qy	5404	AA	GTGGCAAAACCAAAAGGGTTTTAGCAGCAGCAGAGAAATAGCAAAATGGAGCAA	5463
Db	1883	AA	GTGGCAAAACCAAAAGGGTTTTAGCAGCAGCAGAGAGAAATAGCAAAATGGAGCAA	1942
Qy	5464	TC	AACTTAGAAAGTTGGAATTTGAATGTCCAGAAACTCGCAGCAGGAACTAGACCAACTA	5523
Db	1943	TC	AACTTAGAAAGTTGGAATTTGAATGTCCAGAAACTCGCAGCAGGAACTAGACCAACTA	2002
Qy	5524	AA	CAGAGACAAGTTGTCACTGCATTAACGACATTTTCAGCAATGCAACAGCAGCTCCAGAA	5583
Db	2003	AA	CAGAGACAAGTTGTCACTGCATTAACGACATTTTCAGCAATGCAACAGCAGCTCCAGAA	2062
Qy	5584	AA	ACGGAAGCAGTAAACTCACTGCAGGAGGAACCTAGCTAATGTCCAAGACCAATTTGAAC	5643
Db	2063	AA	ACGGAAGCAGTAAACTCACTGCAGGAGGAACCTAGCTAATGTCCAAGACCAATTTGAAC	2122
Qy	5644	CT	AGCAAAACAGGACCTGCTTCACACCAAGCATCAGATGTGTTGCTCAGTGAGCAG	5703
Db	2123	CT	AGCAAAACAGGACCTGCTTCACACCAAGCATCAGATGTGTTGCTCAGTGAGCAG	2182
Qy	5704	ACC	GACTCCAGAAGGACATCAGTGAATGGGCAAAATAGGTTTGAAGACTGTCCAGAAAGAA	5763
Db	2183	ACC	GACTCCAGAAGGACATCAGTGAATGGGCAAAATAGGTTTGAAGACTGTCCAGAAAGAA	2242
Qy	5764	GAG	GAGCAAAAACAAACAACTTCAAGTCTTCAGAAATGAGATTTGAAGAGAAACAAAGTTC	5823
Db	2243	GAG	GAGCAAAAACAAACAACTTCAAGTCTTCAGAAATGAGATTTGAAGAGAAACAAAGTTC	2302
Qy	5824	AA	ACTAGTCCAAAGAAATGATGTTTCAGAGACTCCAGAAAGCAGAGAGAAAGTGAGAA	5883
Db	2303	AA	ACTAGTCCAAAGAAATGATGTTTCAGAGACTCCAGAAAGCAGAGAGAGAAAGTGAGAA	2362
Qy	5884	AG	CAAAATTTAGAAACCAAGTGAACACTCAAGGAGCAACAGCACCAAGCTGGGAAAAAGGAA	5943
Db	2363	AG	CAAAATTTAGAAACCAAGTGAACACTCAAGGAGCAACAGCACCAAGCTGGGAAAAAGGAA	2422
Qy	5944	TT	AACAGACAGAAACGAACTGGACCAAGTGTCTCAAAAGTGTGGCAGCTGAAGAG	6003
Db	2423	TT	AACAGACAGAAACGAACTGGACCAAGTGTCTCAAAAGTGTGGCAGCTGAAGAG	2482
Qy	6004	CG	TGTAGGACTCTGCAGGAGAGGAGAGTGTGTGAGAGCTCGAGAGAGACACTCTCC	6063
Db	2483	CG	TGTAGGACTCTGCAGGAGAGGAGAGTGTGTGAGAGCTCGAGAGAGACACTCTCC	2542
Qy	6064	CA	AACTAAACGGCAGCTTTTCAGAAAGGGAGCAGCAATTTGTTGGAGAAATCAGGTGAGCTG	6123
Db	2543	CA	AACTAAACGGCAGCTTTTCAGAAAGGGAGCAGCAATTTGTTGGAGAAATCAGGTGAGCTG	2602
Qy	6124	TT	GCCCTCCAGAAAGAGGAGATTTCTATGAGGGCAGACTTCAGACCTTCTGCGGAACCGAG	6183
Db	2603	TT	GCCCTCCAGAAAGAGGAGATTTCTATGAGGGCAGACTTCAGACCTTCTGCGGAACCGAG	2662

RESULT 3

```

US-10-104-047-52
; Sequence 52, Application US/10104047
; Patent No. 6943241
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. 6943241e1 full length cDNA
; FILE REFERENCE: HI-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 52
; LENGTH: 2631

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; TYPE: DNA											
; ORGANISM: Homo sapiens											
US-10-104-047-52											
Query Match 34.4%; Score 2403.2; DB 3; Length 2631;											
Best Local Similarity 98.5%; Pred. No. 0;											
Matches 2446; Conservative 0; Mismatches 8; Indels 28; Gaps 1;											
Qy	1649	ATTCCCATATGAAGGCTCAAAAGAGCGGTAAAGAACCAACAGCTTGACATTTATGAACAAGC	1708	Db	1110	AAGAAATGGCTCTGCAGCAAGAGAAACTGGCAACTGGCAAGAAAGAGATTTCAGGCAGGCCT	1169	Qy	2669	GTGAGAGAGCCCTGGAGCAAGA-----ATGAATTTT	2700
Db	150	AGTCCCATATGAAGGCTCAAAAGAGCGGTAAAGAACCAACAGCTTGACATTTATGAACAAGC	209	Qy	1170	GTGAGAGAGCCCTGGAGCAAGAGATAAGCAAGGGCAAGGACCTGGAGATGAATTTT	1229	Db	2701	GATAAGAGGCAACATGAAGCAAGAAATCCAGCAATGGAGAAATGAATTCATTTTGC	2760
Qy	1709	AGTACCAACAACTTGAAGTCTGTTGGATGAGATACCTTTAGAAATTCCTAAGCAACGG	1768	Db	1230	GATAAGAGGCAACATGAAGCAAGAAATCCAGCAATGGAGAAATGAATTCATTTTGC	1289	Qy	2761	GAATAATCTAAAAAGTATGGAGGAAATCCAAAGGCTTTACAGATCTTCCAACTTCAGGAAGCT	2820
Db	210	AGTACCAACAACTTGAAGTCTGTTGGAGGAGATACCTTTAGAAATTCCTAAGCAACGG	269	Db	1290	GAATAATCTAAAAAGTATGGAGGAAATCCAAAGGCTTTACAGATCTTCCAACTTCAGGAAGCT	1349	Qy	2821	GATGAAGAGAGAGAGAAATTCCTGGGCCAACTCTCGAGAGTTAGAGAAAAAGAAAGAACTT	2880
Qy	1769	AAGAGATTAAAGGACCTTGAAGAACAGCTTACTGAAGGCCAGATAGCAAAATGAAGCCC	1828	Db	1350	GATGAAGAGAGAGAGAAATTCCTGGGCCAACTCTCGAGAGTTAGAGAAAAAGAGAGAACTT	1409	Qy	2881	GAAGATGCCAAATCTCAGGAGCAAGTTTTTGGTTTGTATGATAAGAACTGGAAGAACTTAAG	2940
Db	270	AAGAGATTAAAGGACCTTGAAGAACAGCTTACTGAAGGCCAGATAGCAAAATGAAGCCC	329	Db	1410	GAAGATGCCAAATCTCAGGAGCAAGTTTTTGGTTTGTATGATAAGAACTGGAAGAACTTAAG	1469	Qy	2941	AAAGCCGTGGCCACCTCTGATAAGCTAGCCACACAGCTGAGCTCACCATTTGCCAAAGACCAG	3000
Qy	1829	TGAAGAAGGATTTAGAAGGTGTTTATCAGTGGGTTGCAAGAAATACCTGGGGACCAATTAAAG	1888	Db	1470	AAAGCCGTGGCCACCTCTGATAAGCTAGCCACACAGCTGAGCTCACCATTTGCCAAAGACCAG	1529	Qy	3001	CTGAAGTCCCTCATGGAACTGTTTATGAAAATTAACCCAGGAGCGAGCAGAGAGTTGAG	3060
Db	330	TGAAGAAGGATTTAGAAGGTGTTTATCAGTGGGTTGCAAGAAATACCTGGGGACCAATTAAAG	389	Qy	1530	CTGAAGTCCCTCATGGAACTGTGTTATGAAAATTAACCCAGGAGCGAGCAGAGAGTTGAG	1589	Qy	3061	GAAGCAGAGAGGTTGAGCAGAGAGGAGCAACAGCAGCCAGAGATCTCACCCGAGCAGAA	3120
Qy	1889	GCCAGGCAACTCAGGCCAGAAATCAGTGCAGAGAGCTGCGGATGAGAAAGAGACATTGT	1948	Db	1590	GAAGCAGAGAGGTTGAGCAGAGAGGAGCAACAGCAGCCAGAGATCTCACCCGAGCAGAA	1649	Qy	3121	GCTGAGATCGAACTCTCTGCAGAAATCTCTCAGGAGCAAGGGGAGCAGTTTTCGACTTTGAG	3180
Db	390	GCCAGGCAACTCAGGCCAGAAATCAGTGCAGAGAGCTGCGGATGAGAAAGAGACATTGT	449	Qy	1650	GCTGAGATCGAACTCTCTGCAGAAATCTCTCAGGAGCAAGGGGAGCAGTTTTCGACTTTGAG	1709	Qy	3181	ATGAGAAAAACAGGTGTAGGTACTGAGAGCAAACTCAGAGTCTCTAGAAAATTTAGAAAATG	3240
Qy	1949	TGCAGAGATTGACAGAAAGTTCAGCAGGAGAGAGACACAGCTTGGAAATAGTTGCCATGATG	2008	Qy	1710	ATGAGAAAAACAGGTGTAGGTACTGAGAGCAAACTCAGAGTCTCTAGAAAATTTAGAAAATG	1769	Qy	3241	AATGAGACAAATGGAACGACAAAGGAGCAGAGATTCGAAAGCTGCGAGAAATGTACTAGACCTC	3300
Db	450	TGCAGAGATTGACAGAAAGTTCAGCAGGAGAGAGACACAGCTTGGAAATAGTTGCCATGATG	509	Db	1770	AATGAGACAAATGGAACGACAAAGGAGCAGAGGTTGCAAGGCTGCGAGAAATGTACTAGACCTC	1829	Qy	3301	ACTGGAAGTGACAAACAAAGGAGGCTTTGAAAATGTTTGAAGAAAATTTGCTGAACTTCGA	3360
Qy	2009	CAGAAAATATGAGAAAGAGCTTCAGCAGGCTAGAAAAGTCCCTCAAGAGCAGATGAGG	2068	Qy	1830	ACTGGAAGTGACAAACAAAGGAGGCTTTGAAAATGTTTGAAGAAAATTTGCTGAACTTCGA	1889	Qy	3361	CGTGAAGTTTCTTATCAGAAATGATTAATAGCAGCAGATGCGAGATCTTTTCAAAAGACGA	3420
Db	510	CAGAAAATATGAGAAAGAGCTTCAGCAGGCTAGAAAAGTCCCTCAAGAGCAGATGAGG	569	Qy	1890	CGCGAAGTTTCTTATCAGAAATGATTAATAGCAGCAGATGCGAGATCTTTTCAAAAGACGA	1949	Qy	3421	GGCTATTTGTAATTTATGCAACCAACCATCATCAAAAGTTTCCAGCCATAGTTCCCGAG	3480
Qy	2069	TGAATGATCTTTGCAGCAGACCCAGGAGATCTCAGTGCCTATGAAAGCTGAGCTAGAGG	2128	Qy	1950	GGCTATTTGTAATTTATGCAACCAACCATCATCAAAAGTTTCCAGCCATAGTTCCCGAG	2009	Qy	3481	GCCACCAAGGACTCTGGTGTGGCTTTAAGTACTCAGCCCTCAACTCTCTGTTAGAAAACCA	3540
Db	570	TGAATGATCTTTGCAGCAGACCCAGGAGATCTCAGTGCCTATGAAAGCTGAGCTAGAGG	629	Qy	2010	GCACCAAGGACTCTGGTGTGGCTTTAAGTACTCAGCCCTCAACTCTCTGTTAGAAAACCA	2069	Qy	3541	CGCCCTGGGACGAGATGGGAAGGAGGAGTCAACCTCCCTCCCTCGCTCAGGATATG	3600
Qy	2129	CTCGGCTAAACCTTAAGGGATGCTGAAGCCAAACCACTCAAGAGAGAGTTGGAAAAGTAA	2188	Qy	2070	CGCCCTGGGACGAGATGGGAAGGAGGAGTCAACCTCCCTCCCTCGCTCAGGATATG	2129	Qy	3601	GTTTATTTCTCCCATCAGGAGTGGGTTTACATAAATCTGTTTCCAAAGTAGAGATGAGACAGT	3660
Db	630	CTCGGCTAAACCTTAAGGGATGCTGAAGCCAAACCACTCAAGAGAGAGTTGGAAAAGTAA	689	Qy	2130	GTTTATTTCTCCCATCAGGAGTGGGTTTACATAAATCTGTTTCCAAAGTAGAGATGAGACAGT	2189	Qy	3661	GGAGGAGATAGTCAGGAAGAGAGTGGATGACCAAGAAAGAACCCCATTTTGTGCTT	3720
Qy	2189	CAAGACTTACCCAGTTAGAACAAATCAGCCCTTCAAGCAGAACTTTGAGAAAGGCAAG	2248	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Db	690	CAAGACTTACCCAGTTAGAACAAATCAGCCCTTCAAGCAGAACTTTGAGAAAGGCAAG	749	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Qy	2249	CCCTCAAGATGCCCTTGGAAAAGCCAGTTCTCAGAGAAAGAGGAGCAAGAGAACAGTG	2308	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Db	750	CCCTCAAGATGCCCTTGGAAAAGCCAGTTCTCAGAGAAAGAGGAGCAAGAGAACAGTG	809	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Qy	2309	AGCTTCCATGCAAACTTAAACACTTTGAGGATGACAAATATCTGTTAAAACAGCACTTA	2368	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Db	810	AGCTTCCATGCAAAACTTAAACACTTTGAGGATGACAAATATCTGTTAAAACAGCACTTA	869	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Qy	2369	AAGATTTCCAGATACACTTAAACCATGTTGATGTTGTTGTTGTTGTTGTTGTTGTTG	2428	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Db	870	AAGATTTCCAGATACACTTAAACCATGTTGATGTTGTTGTTGTTGTTGTTGTTGTTG	929	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Qy	2429	CAGCTCGTGTGATGAGCTTAAGAGAAAATCTGAAATTTAGGAATCTGGGGAATGAAATCC	2488	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Db	930	CAGCTCGTGTGATGAGCTTAAGAGAAAATCTGAAATTTAGGAATCTGGGGAATGAAATCC	989	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Qy	2489	ATAGTCTCTCAGATGCTTAAAGGAAAAGTCTTGTGATTTTACAGAAAATTTAGTGA	2548	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Db	990	ATAGTCTCTCAGATGCTTAAAGGAAAAGTCTTGTGATTTTACAGAAAATTTAGTGA	1049	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Qy	2549	TTCTTGACGCTCAAGTGGGAAAAGAGATGAAGCAAGTTTACAGAGAGAGAAATCTCCAG	2608	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Db	1050	TTCTTGACGCTCAAGTGGGAAAAGAGATGAAGCAAGTTTACAGAGAGAGAAATCTCCAG	1109	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				
Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668	Qy	2609	AAGAAATGGCTCTGCACAAAGAGAACTGGCAACTGGCAAGAGAGTTTCAGGCAGGCCT	2668				

Db 61 CAGTGCCTATGAGCTAGAGCTCGCTAAACCTTAGGGATGCTGAAGCCACCA 120
Qy 2163 GCTCAAGAAAGAGTTGAAAAAGTAAACAGACTTACCCAGTTAGAACAAATCAGCCCTTCA 2222
Db 121 GCTCAAGAAAGTTGAAAAAGTAAACAGACTTACCCAGTTAGAACAAATCAGCCCTTCA 180
Qy 2223 AGCAGAACTTGAAGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCAGTTCTC 2282
Db 181 AGCAGAACTTGAAGAAAGGCAAGCCCTCAAGAAATGCCCTTGGAAAAAGCCAGTTCTC 240
Qy 2283 AGAAGAAAGGAGCAAGAGAAACAGTGAAGCTCCATGCAAAAACTTAAACACTTGCAGGATGA 2342
Db 241 AGAAGAAAGGAGCAAGAGAAACAGTGAAGCTCCATGCAAAAACTTAAACACTTGCAGGATGA 300
Qy 2343 CAATAATCTGTAAACAGCAACTTAAAGATTTCCAGAAATCACTTAAACCAATGGTTGA 2402
Db 301 CAATAATCTGTAAACAGCAACTTAAAGATTTCCAGAAATCACTTAAACCAATGGTTGA 360
Qy 2403 TGGTTTGGTTGGTCC 2417
Db 361 TGGTTTGGTTGGTCC 375

RESULT 6

US-09-513-999C-2604
; Sequence 2604, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59. US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 2604
; LENGTH: 442
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 126..440
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 32
; OTHER INFORMATION: k=g or t
US-09-513-999C-2604

Query Match 4.6%; Score 323.4; DB 3; Length 442;
Best Local Similarity 99.7%; Pred. No. 2.7e-66;
Matches 324; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 1649 ATTCCTATATGAAGGCTCAAAAGAGCGGTAAAGAACACACAGCTTGCACATTATGAACAAGC 1708
Db 118 AGTCCATATGAAGGCTCAAAAGAGCGGTAAAGAACACACAGCTTGCACATTATGAACAAGC 177
Qy 1709 AGTACCAACAACTTGAAGTGGTTGGATGAGATCTTCTAGAAATTCCTAAGGAACGG 1768
Db 178 AGTACCAACAACTTGAAGTGGTTGGATGAGATCTTCTAGAAATTCCTAAGGAACGG 237
Qy 1769 AAGGATTAAGGACTTGAAGAACAGCTTACTGAAGCCAGATAGCAATCAAGCCC 1828
Db 238 AAGGATTAAGGACTTGAAGAACAGCTTACTGAAGCCAGATAGCAATCAAGCCC 297
Qy 1829 TGAAGAGGATTTAGAGGCTTTATCAGTGGTTGCAAGATACCTGGGGACCAATTAAAG 1888
Db 298 TGAAGAGGATTTAGAGGCTTTATCAGTGGTTGCAAGATACCTGGGGACCAATTAAAG 357

Qy 1889 GCCAGGCAACTCAGGCCCAAGATGAGTGCAGGAAGCTGCGGATGAGAAAAAGACATTGT 1948
Db 358 GCCAGGCAACTCAGGCCCAAGATGAGTGCAGGAAGCTGCGGATGAGAAAAAGACATTGT 417
Qy 1949 TGCAGAGATTGACAGAAAGTCGAGCA 1973
Db 418 TGCAGAGATTGACAGAAAGTCGAGCA 442

RESULT 7

US-09-949-016-12650
; Sequence 12650, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12650
; LENGTH: 29574
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12650

Query Match 4.6%; Score 318.6; DB 3; Length 29574;
Best Local Similarity 98.8%; Pred. No. 3e-66;
Matches 321; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 3648 AGATGCAGAGCTGGAGGAGATAGTCAAGGAAGAGTGAAGTGCATGCCAGGAAGAAC 3707
Db 126 AGATGCAGAGCTGGAGGAGATAGTCAAGGAAGAGTGAAGTGCATGCCAGGAAGAAC 185
Qy 3708 CCATTTGTCCTCCTCGATACATGATGATGCTCTCTCTGATGTTCTCTCTGT 3767
Db 186 CCATTTGTCCTCCTCGATACATGATGATGCTCTCTCTGATGTTCTCTCTGT 245
Qy 3768 ACCCAGGCGATGGCCCTGTATGCACCACTCTCTCTCTTGCACCAATAGCCGACCTCT 3827
Db 246 ACCCAGGCGATGGCCCTGTATGCACCACTCTCTCTTGCACCAATAGCCGACCTCT 305
Qy 3828 CACCCCTGGCACTGTTGTTTATGGCCCACTCTCTCTGCTGGGGCCCCCATGGTGTATGGGCC 3887
Db 306 CACCCCTGGCACTGTTGTTTATGGCCCACTCTCTCTGCTGGGGCCCCCATGGTGTATGGGCC 365
Qy 3888 TCACACCCCACT 3947
Db 366 TCACACCCCACT 425
Qy 3948 TGAACACCAATAACTTAGAGAAATGAA 3972
Db 426 TGAACACCAATAACTTAGAGAAATGAA 450

RESULT 8

US-09-949-016-15647
; Sequence 15647, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CU001307

;; CURRENT APPLICATION NUMBER: US/09/949,016
;; CURRENT FILING DATE: 2000-04-14
;; PRIOR APPLICATION NUMBER: 60/241,755
;; FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/237,768
;; FILING DATE: 2000-10-03
;; PRIOR APPLICATION NUMBER: 60/231,498
;; FILING DATE: 2000-09-08
;; NUMBER OF SEQ ID NOS: 207012
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 15647
;; LENGTH: 29574
;; TYPE: DNA
;; ORGANISM: Human
US-09-949-016-15647

Query Match 4.6%; Score 318.6; DB 3; Length 29574;
Best Local Similarity 98.8%; Pred. No. 3e-66;
Matches 321; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 3648 AGATGACAGAGTGGAGAGATGATCAGGAAGAGAGTGGATGACCAAGAGAAC 3707
Db 126 AGATGACAGAGTGGAGAGATGATCAGGAAGAGAGTGGATGACCAAGAGAAC 185
Qy 3708 CCCATTGCTCTCTCTGATACATGATGATGATGATGATGATGATGATGATGAT 3767
Db 186 CCCATTGCTCTCTCTGATACATGATGATGATGATGATGATGATGATGATGAT 245
Qy 3768 ACCCCAGGCGATGGCCCTGTATGACCAACCTCTCTCTCTCTCTCTCTCTCTCT 3827
Db 246 ACCCCAGGCGATGGCCCTGTATGACCAACCTCTCTCTCTCTCTCTCTCTCTCT 305
Qy 3828 CACCCCTGGCATGTGTTTATGGCCACCTCTCTCTCTCTCTCTCTCTCTCTCTCT 3887
Db 306 CACCCCTGGCATGTGTTTATGGCCACCTCTCTCTCTCTCTCTCTCTCTCTCTCT 365
Qy 3888 TCCACCCCGCACTCTCCATCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 3947
Db 366 TCCACCCCGCACTCTCCATCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 425
Qy 3948 TGAACACCATTAATAGAGATGAA 3972
Db 426 TGAACACCATTAATAGAGATGAA 450

RESULT 9
US-08-743-200-1
; Sequence 1, Application US/08743200
; Patent No. 5861260
; GENERAL INFORMATION:
; APPLICANT: Doxsey, Stephen J.
; TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
; TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/743,200
; FILING DATE: 05-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:

;; NAME: Faase, J. Peter
;; REGISTRATION NUMBER: 32,983
;; REFERENCE/DOCKET NUMBER: 07917/025001
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-542-5070
;; TELEFAX: 617-542-8906
;; INFORMATION FOR SEQ ID NO: 1:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 315 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; FEATURE:
;; NAME/KEY: Coding Sequence
;; LOCATION: 1...315
US-08-743-200-1*
Query Match 4.5%; Score 315; DB 2; Length 315;
Best Local Similarity 100.0%; Pred. No. 2.5e-66;
Matches 315; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 775 GATAGACAGAGCGCTTTTGTAGAGATTGAGTTTGTAGAGAGTGTAGAGAGCTGGAAAGAGAC 834
Db 1 GATAGACAGAGCGCTTTTGTAGAGATTGAGTTTGTAGAGAGTGTAGAGAGCTGGAAAGAGAC 60
Qy 835 CTAGAAAAAGATGATAGAACTGAGAGCTTAAAGAGCAACAAACAGGTTCTTTGAG 894
Db 61 CTAGAAAAAGATGATAGAACTGAGAGCTTAAAGAGCAACAAACAGGTTCTTTGAG 120
Qy 895 GAAATTAAAAATCAAGATAAATGAATAAATCAATTAAGAGAGGAGCCATGTTACAGAAA 954
Db 121 GAAATTAAAAATCAAGATAAATGAATAAATCAATTAAGAGAGGAGCCATGTTACAGAAA 180
Qy 955 CAGAGCTGTGAGAACTCAAGAGTGAATTAACACAAAAAATGAATTTGCTTAAAAACAGAG 1014
Db 181 CAGAGCTGTGAGAACTCAAGAGTGAATTAACACAAAAAATGAATTTGCTTAAAAACAGAG 240
Qy 1015 ACCATAGAATTACAGAGCATGTCAAGCAATATGAGCTGGAACAGGAAATTCGCCCTTT 1074
Db 241 ACCATAGAATTACAGAGCATGTCAAGCAATATGAGCTGGAACAGGAAATTCGCCCTTT 300
Qy 1075 TATAAAATTCATGCT 1089
Db 301 TATAAAATTCATGCT 315

RESULT 10
US-08-743-200-5
; Sequence 5, Application US/08743200
; Patent No. 5861260
; GENERAL INFORMATION:
; APPLICANT: Doxsey, Stephen J.
; TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
; TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/743,200
; FILING DATE: 05-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:

Db 592 AGCAGGTGGCCANCTTANGAGACACTTTTATCCANGGACCCCTTGAGANA 651
Qy 6268 AACCTTCTTGAGCAAAAACAGAGAACAGCTGCATACAAAAGGAATGGCAA 6319
Db 652 AAACCNCTTTTGACCCAAAACGNGAGAACAGCTGGCTACCAAGGGAAA 703

RESULT 12
US-09-297-648-1518
; Sequence 1518, Application US/09297648
; Patent No. 6964868
; GENERAL INFORMATION:
; APPLICANT: Williams, Lewis T.
; APPLICANT: Escobedo, Jaime A.
; APPLICANT: Innis, Michael A.
; APPLICANT: Garcia, Pablo Dominguez
; APPLICANT: Sudduth-Klinger, Julie
; APPLICANT: Reinhard, Christoph
; APPLICANT: Giese, Klaus
; APPLICANT: Randazzo, Filippo
; APPLICANT: Kennedy, Giulia C.
; APPLICANT: Pot, David
; APPLICANT: Kassan, Altaf
; APPLICANT: Lamson, George
; APPLICANT: Drmanac, Radoje
; APPLICANT: Crkvenjakov, Radomir
; APPLICANT: Dickson, Mark
; APPLICANT: Drmanac, Snezana
; APPLICANT: Labat, Ivan
; APPLICANT: Lechkowitz, Dena
; APPLICANT: Kita, David
; APPLICANT: Garcia, Veronica
; APPLICANT: Jones, William Lee
; APPLICANT: Stache-Crain, Birjit
; TITLE OF INVENTION: No. 6964868el Human Genes and Gene Expression
; FILE REFERENCE: 2300-1481
; CURRENT APPLICATION NUMBER: US/09/297,648
; CURRENT FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/072,910
; PRIOR FILING DATE: 1998-01-28
; PRIOR APPLICATION NUMBER: 60/075,954
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/080,666
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: 60/080,515
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: 60/080,114
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/105,234
; PRIOR FILING DATE: 1998-10-21
; NUMBER OF SEQ ID NOS: 5252
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 1518
; LENGTH: 300
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-297-648-1518

Query Match 4.3%; Score 300; DB 4; Length 300;
Best Local Similarity 100.0%; Pred. No. 1.1e-62;
Matches 300; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5686 GTGTGTCTCAGTGAGCAGACCCGACTCCAGAGGACATCATGTAATGGGCAAAATAGGTTT 5745
Db 1 GTGTGTCTCAGTGAGCAGACCCGACTCCAGAGGACATCATGTAATGGGCAAAATAGGTTT 60

Qy 5746 GAAGACTGTCAGAAAGAGAGAGACAAAACAACTTCAAGTCTTCAGAAATGAG 5805
Db 61 GAAGACTGTCAGAAAGAGAGAGACAAAACAACTTCAAGTCTTCAGAAATGAG 120

Qy 5806 ATTGAAGAAACAGCTCAAACTAGTCCAAACAGAAATGATGTTTCAGAGACTCCAGAA 5865

Db 121 ATTGAAGAAACAGCTCAAACTAGTCCAAACAGAAATGATGTTTCAGAGACTCCAGAA 180
Qy 5866 GAGAGAGAAAGTGAAGAAAGCAAAATTAGAAACCAAGTAAAGTGACACTGAAGAGCAACAG 5925
Db 181 GAGAGAGAAAGTGAAGAAAGCAAAATTAGAAACCAAGTAAAGTGACACTGAAGAGCAACAG 240
Qy 5926 CACAGCTGGAAAAGGAATTAACAGACCAAGCAAAAGCAAACTGGACCAAGTCTCTCAAAG 5985
Db 241 CACAGCTGGAAAAGGAATTAACAGACCAAGCAAAAGCAAACTGGACCAAGTCTCTCAAAG 300

RESULT 13
US-08-743-200-13
; Sequence 13, Application US/08743200
; Patent No. 5861260
; GENERAL INFORMATION:
; APPLICANT: Doxsey, Stephen J.
; TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
; TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/743,200
; FILING DATE: 05-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 07917/025001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 228 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1....228
US-08-743-200-13

Query Match 3.3%; Score 228; DB 2; Length 228;
Best Local Similarity 100.0%; Pred. No. 2.8e-45;
Matches 228; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2455 AAAGTGAATAGGAATGGGAAATGAACATCATAGTCTTCAGATGTTTAGGAAA 2514
Db 1 AAAGTGAATAGGAATGGGAAATGAACATCATAGTCTTCAGATGTTTAGGAAA 60

Qy 2515 AGTCTTGTCTGATTTACAGAAACAAATTCAGTGAATTTCTTCAGCGCTCCAAAGTGGAAAGA 2574
Db 61 AGTCTTGTCTGATTTACAGAAACAAATTCAGTGAATTTCTTCAGCGCTCCAAAGTGGAAAGA 120

Qy 2575 GATGAAGACACAGTTAGAGAGAGAAAATCTCAAGAGAAATGGCTTTCAGACAGAGAAA 2634
Db 121 GATGAAGACACAGTTAGAGAGAGAAAATCTCAAGAGAAATGGCTTTCAGACAGAGAAA 180

QY 2635 CTGGCAACTGGACACAGAGAGTTCCAGGAGGCTCTGAGAGAGCCCTG 2682
Db 181 CTGGCAACTGGACACAGAGAGTTCCAGGAGGCTCTGAGAGAGCCCTG 228

RESULT 14

US-09-949-016-35518
; Sequence 35518, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35518
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-35518

Query Match 3.2%; Score 224.4; DB 3; Length 601;
Best Local Similarity 99.6%; Pred. No. 3.3e-44;
Matches 225; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5842 ATGATGTTTCAGAGACTCCAGAAAGAGAGAGAAAGTGAAGAAAGCAAAATTAGAAACCCAGT 5901
Db 376 AAGATGTTTCAGAGACTCCAGAAAGAGAGAGAAAGTGAAGAAAGCAAAATTAGAAACCCAGT 435
QY 5902 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 5961
Db 436 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 495
QY 5962 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 6021
Db 496 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 555
QY 6022 GAAGAGGAGAGGTGGTGTGAGAGCCTGGAGAGACACTCTCCCAA 6067
Db 556 GAAGAGGAGAGGTGGTGTGAGAGCCTGGAGAGACACTCTCCCAA 601

RESULT 15

US-09-949-016-138497
; Sequence 138497, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 138497
; LENGTH: 601

; TYPE: DNA
; ORGANISM: Human
US-09-949-016-138497
Query Match 3.2%; Score 224.4; DB 3; Length 601;
Best Local Similarity 99.6%; Pred. No. 3.3e-44;
Matches 225; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 5842 ATGATGTTTCAGAGACTCCAGAAAGAGAGAGAAAGTGAAGAAAGCAAAATTAGAAACCCAGT 5901
Db 376 AAGATGTTTCAGAGACTCCAGAAAGAGAGAGAAAGTGAAGAAAGCAAAATTAGAAACCCAGT 435
QY 5902 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 5961
Db 436 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 495
QY 5962 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 6021
Db 496 AAAGTGACACTGAAGGAGCAACAGCAGCTGGAAAGAGGAATTAACAGACCAGAAAAGC 555
QY 6022 GAAGAGGAGAGGTGGTGTGAGAGCCTGGAGAGACACTCTCCCAA 6067
Db 556 GAAGAGGAGAGGTGGTGTGAGAGCCTGGAGAGACACTCTCCCAA 601

Search completed: September 1, 2006, 10:43:03
Job time : 1229 secs

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: September 1, 2006, 10:29:52 ; Search time 35463 Seconds
(without alignments)
11502.793 Million cell updates/sec

Title: US-10-663-433-1

Perfect score: 6978

Sequence: 1 atgaagaaggtctcaaca.....agaatgcctcagccagatga 6978

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 86534536 seqs, 2922925966 residues

Total number of hits satisfying chosen parameters: 173069072

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Pending Patents NA Main:*

- 1: /EMC_Celerra_SIDS3/ptodata/2/pna/PTCUSA COMB.seq.*
- 2: /EMC_Celerra_SIDS3/ptodata/2/pna/PTCUSB COMB.seq.*
- 3: /EMC_Celerra_SIDS3/ptodata/2/pna/PTCUSC COMB.seq.*
- 4: /EMC_Celerra_SIDS3/ptodata/2/pna/US075 COMB.seq.*
- 5: /EMC_Celerra_SIDS3/ptodata/2/pna/US076 COMB.seq.*
- 6: /EMC_Celerra_SIDS3/ptodata/2/pna/US077 COMB.seq.*
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- 8: /EMC_Celerra_SIDS3/ptodata/2/pna/US079 COMB.seq.*
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- 15: /EMC_Celerra_SIDS3/ptodata/2/pna/US086 COMB.seq.*
- 16: /EMC_Celerra_SIDS3/ptodata/2/pna/US087 COMB.seq.*
- 17: /EMC_Celerra_SIDS3/ptodata/2/pna/US088 COMB.seq.*
- 18: /EMC_Celerra_SIDS3/ptodata/2/pna/US089 COMB.seq.*
- 19: /EMC_Celerra_SIDS3/ptodata/2/pna/US090 COMB.seq.*
- 20: /EMC_Celerra_SIDS3/ptodata/2/pna/US091 COMB.seq.*
- 21: /EMC_Celerra_SIDS3/ptodata/2/pna/US092 COMB.seq.*
- 22: /EMC_Celerra_SIDS3/ptodata/2/pna/US093 COMB.seq.*
- 23: /EMC_Celerra_SIDS3/ptodata/2/pna/US094 COMB.seq.*
- 24: /EMC_Celerra_SIDS3/ptodata/2/pna/US095A COMB.seq.*
- 25: /EMC_Celerra_SIDS3/ptodata/2/pna/US095B COMB.seq.*
- 26: /EMC_Celerra_SIDS3/ptodata/2/pna/US095C COMB.seq.*
- 27: /EMC_Celerra_SIDS3/ptodata/2/pna/US096A COMB.seq.*
- 28: /EMC_Celerra_SIDS3/ptodata/2/pna/US096B COMB.seq.*
- 29: /EMC_Celerra_SIDS3/ptodata/2/pna/US096C COMB.seq.*
- 30: /EMC_Celerra_SIDS3/ptodata/2/pna/US097A COMB.seq.*
- 31: /EMC_Celerra_SIDS3/ptodata/2/pna/US097B COMB.seq.*
- 32: /EMC_Celerra_SIDS3/ptodata/2/pna/US098A COMB.seq.*
- 33: /EMC_Celerra_SIDS3/ptodata/2/pna/US098B COMB.seq.*
- 34: /EMC_Celerra_SIDS3/ptodata/2/pna/US099A COMB.seq.*
- 35: /EMC_Celerra_SIDS3/ptodata/2/pna/US099B COMB.seq.*
- 36: /EMC_Celerra_SIDS3/ptodata/2/pna/US099C COMB.seq.*
- 37: /EMC_Celerra_SIDS3/ptodata/2/pna/US099D COMB.seq.*
- 38: /EMC_Celerra_SIDS3/ptodata/2/pna/US099E COMB.seq.*
- 39: /EMC_Celerra_SIDS3/ptodata/2/pna/US100A COMB.seq.*
- 40: /EMC_Celerra_SIDS3/ptodata/2/pna/US100B COMB.seq.*
- 41: /EMC_Celerra_SIDS3/ptodata/2/pna/US101 COMB.seq.*
- 42: /EMC_Celerra_SIDS3/ptodata/2/pna/US102A COMB.seq.*
- 43: /EMC_Celerra_SIDS3/ptodata/2/pna/US102B COMB.seq.*

- 44: /EMC_Celerra_SIDS3/ptodata/2/pna/US103A COMB.seq.*
- 45: /EMC_Celerra_SIDS3/ptodata/2/pna/US103B COMB.seq.*
- 46: /EMC_Celerra_SIDS3/ptodata/2/pna/US103C COMB.seq.*
- 47: /EMC_Celerra_SIDS3/ptodata/2/pna/US103D COMB.seq.*
- 48: /EMC_Celerra_SIDS3/ptodata/2/pna/US103E COMB.seq.*
- 49: /EMC_Celerra_SIDS3/ptodata/2/pna/US103F COMB.seq.*
- 50: /EMC_Celerra_SIDS3/ptodata/2/pna/US104 COMB.seq.*
- 51: /EMC_Celerra_SIDS3/ptodata/2/pna/US105 COMB.seq.*
- 52: /EMC_Celerra_SIDS3/ptodata/2/pna/US106A COMB.seq.*
- 53: /EMC_Celerra_SIDS3/ptodata/2/pna/US106B COMB.seq.*
- 54: /EMC_Celerra_SIDS3/ptodata/2/pna/US107A COMB.seq.*
- 55: /EMC_Celerra_SIDS3/ptodata/2/pna/US107B COMB.seq.*
- 56: /EMC_Celerra_SIDS3/ptodata/2/pna/US107C COMB.seq.*
- 57: /EMC_Celerra_SIDS3/ptodata/2/pna/US107D COMB.seq.*
- 58: /EMC_Celerra_SIDS3/ptodata/2/pna/US107E COMB.seq.*
- 59: /EMC_Celerra_SIDS3/ptodata/2/pna/US107F COMB.seq.*
- 60: /EMC_Celerra_SIDS3/ptodata/2/pna/US107G COMB.seq.*
- 61: /EMC_Celerra_SIDS3/ptodata/2/pna/US108 COMB.seq.*
- 62: /EMC_Celerra_SIDS3/ptodata/2/pna/US109A COMB.seq.*
- 63: /EMC_Celerra_SIDS3/ptodata/2/pna/US109B COMB.seq.*
- 64: /EMC_Celerra_SIDS3/ptodata/2/pna/US109C COMB.seq.*
- 65: /EMC_Celerra_SIDS3/ptodata/2/pna/US110A COMB.seq.*
- 66: /EMC_Celerra_SIDS3/ptodata/2/pna/US110B COMB.seq.*
- 67: /EMC_Celerra_SIDS3/ptodata/2/pna/US110C COMB.seq.*
- 68: /EMC_Celerra_SIDS3/ptodata/2/pna/US110D COMB.seq.*
- 69: /EMC_Celerra_SIDS3/ptodata/2/pna/US111A COMB.seq.*
- 70: /EMC_Celerra_SIDS3/ptodata/2/pna/US111B COMB.seq.*
- 71: /EMC_Celerra_SIDS3/ptodata/2/pna/US112A COMB.seq.*
- 72: /EMC_Celerra_SIDS3/ptodata/2/pna/US112B COMB.seq.*
- 73: /EMC_Celerra_SIDS3/ptodata/2/pna/US113A COMB.seq.*
- 74: /EMC_Celerra_SIDS3/ptodata/2/pna/US113B COMB.seq.*
- 75: /EMC_Celerra_SIDS3/ptodata/2/pna/US114 COMB.seq.*
- 76: /EMC_Celerra_SIDS3/ptodata/2/pna/US117 COMB.seq.*
- 77: /EMC_Celerra_SIDS3/ptodata/2/pna/US600 COMB.seq.*
- 78: /EMC_Celerra_SIDS3/ptodata/2/pna/US601 COMB.seq.*
- 79: /EMC_Celerra_SIDS3/ptodata/2/pna/US602A COMB.seq.*
- 80: /EMC_Celerra_SIDS3/ptodata/2/pna/US602B COMB.seq.*
- 81: /EMC_Celerra_SIDS3/ptodata/2/pna/US603 COMB.seq.*
- 82: /EMC_Celerra_SIDS3/ptodata/2/pna/US604A COMB.seq.*
- 83: /EMC_Celerra_SIDS3/ptodata/2/pna/US604B COMB.seq.*
- 84: /EMC_Celerra_SIDS3/ptodata/2/pna/US605 COMB.seq.*
- 85: /EMC_Celerra_SIDS3/ptodata/2/pna/US606 COMB.seq.*
- 86: /EMC_Celerra_SIDS3/ptodata/2/pna/US607 COMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

***** HHHHHHHH SSSSSSSS? ### Status: Signing onto Dialog *****

ENTER PASSWORD:

***** HHHHHHHH SSSSSSSS? *****

Welcome to DIALOG

Status: Login successfulDialog level 05.12.03D

Last logoff: 14sep06 10:40:16

Logon file405 18sep06 10:03:52

*** ANNOUNCEMENTS ***

NEW FILES RELEASED

***Verdict Market Research (File 769)

***EMCare (File 45)

***Trademarkscan - South Korea (File 655)

***Regulatory Affairs Journals (File 183)

***Index Chemicus (File 302)

***Inspec (File 202)

RESUMED UPDATING

***File 141, Reader's Guide Abstracts

RELOADS COMPLETED

***File 11, PsycInfo

***File 531, American Business Directory

*** The 2005 reload of the CLAIMS files (Files 340, 341, 942)

is now available online.

DATABASES REMOVED

***File 196, FINDEX

***File 468, Public Opinion Online (POLL)

Chemical Structure Searching now available in Prous Science Drug Data Report (F452), Prous Science Drugs of the Future (F453), IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein Facts (F390), Derwent Chemistry Resource (F355) and Index Chemicus (File 302).

>>>For the latest news about Dialog products, services, content<<<

>>>and events, please visit What's New from Dialog at <<<

>>><http://www.dialog.com/whatsnew/>. You can find news about<<<

>>>a specific database by entering HELP NEWS <file number>.<<<

>>>PROFILE is in a suspended state.

>>>Contact Dialog Customer Services to re-activate it.

* * *

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.9 term=ASCII

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help /L = Logoff /NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?

Terminal set to DLINK

*** DIALOG HOMEBASE(SM) Main Menu ***

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help /L = Logoff /NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b biotech biochem medicine

```
>>>          76 is unauthorized
>>>          138 is unauthorized
>>>2 of the specified files are not available
      18sep06 10:04:31 User243084 Session D589.1
      $0.00    0.608 DialUnits FileHomeBase
      $0.00 Estimated cost FileHomeBase
      $0.19 TELNET
      $0.19 Estimated cost this search
      $0.19 Estimated total session cost    0.608 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

- File 5:Biosis Previews(R) 1969-2006/Sep W2
(c) 2006 The Thomson Corporation
- File 6:NTIS 1964-2006/Sep W1
(c) 2006 NTIS, Intl Cpyrght All Rights Res
- File 8:Ei Compendex(R) 1970-2006/Sep W1
(c) 2006 Elsevier Eng. Info. Inc.
- File 24:CSA Life Sciences Abstracts 1966-2006/Aug
(c) 2006 CSA.
- File 34:SciSearch(R) Cited Ref Sci 1990-2006/Sep W2
(c) 2006 The Thomson Corp
- File 45:EMCare 2006/Sep W2
(c) 2006 Elsevier B.V.

File 65:Inside Conferences 1993-2006/Sep 15
 (c) 2006 BLDSC all rts. reserv.
 File 71:ELSEVIER BIOBASE 1994-2006/Sep W2
 (c) 2006 Elsevier B.V.
 File 73:EMBASE 1974-2006/Sep 15
 (c) 2006 Elsevier B.V.
 File 94:JICST-EPlus 1985-2006/Jun W2
 (c)2006 Japan Science and Tech Corp(JST)
 File 98:General Sci Abs 1984-2006/Sep
 (c) 2006 The HW Wilson Co.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul
 (c) 2006 The HW Wilson Co.
 File 135:NewsRx Weekly Reports 1995-2006/Sep W2
 (c) 2006 NewsRx
 File 136:BioEngineering Abstracts 1966-2006/Aug
 (c) 2006 CSA.
 File 143:Biol. & Agric. Index 1983-2006/Jul
 (c) 2006 The HW Wilson Co
 File 144:Pascal 1973-2006/Aug W4
 (c) 2006 INIST/CNRS
 File 155:MEDLINE(R) 1950-2006/Sep 18
 (c) format only 2006 Dialog
 File 172:EMBASE Alert 2006/Sep 15
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 File 315:ChemEng & Biotec Abs 1970-2006/Aug
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 File 357:Derwent Biotech Res. _1982-2006/Sep W3
 (c) 2006 The Thomson Corp.
 File 358:Current BioTech Abs 1983-2006/Jan
 (c) 2006 DECHEMA
 File 369:New Scientist 1994-2006/Aug W1
 (c) 2006 Reed Business Information Ltd.
 File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS
***File 370: This file is closed (no updates). Use File 47 for more current information.**
 File 399:CA SEARCH(R) 1967-2006/UD=14513
 (c) 2006 American Chemical Society
***File 399: Use is subject to the terms of your user/customer agreement.**
 IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp
 File 40:Enviroline(R) 1975-2006/Jul
 File 41:Pollution Abstracts 1966-2006/Aug
 (c) 2006 CSA.
 File 50:CAB Abstracts 1972-2006/Aug
 (c) 2006 CAB International
 File 103:Energy SciTec 1974-2006/Jul B2
 (c) 2006 Contains copyrighted material
***File 103: For access restrictions see Help Restrict.**
 File 156:ToxFile 1965-2006/Sep W2
 (c) format only 2006 Dialog
 File 162:Global Health 1983-2006/Aug
 (c) 2006 CAB International
 File 305:Analytical Abstracts 1980-2006/Sep W1
 (c) 2006 Royal Soc Chemistry
***File 305: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.**
 File 393:Beilstein Abstracts 2006/Q3

(c) 2006 Beilstein GmbH
 File 35:Dissertation Abs Online 1861-2006/Aug
 (c) 2006 ProQuest Info&Learning
 File 91:MANTIS(TM) 1880-2006/Jan
 2001 (c) Action Potential
 File 149:TGG Health&Wellness DB(SM) 1976-2006/Sep W1
 (c) 2006 The Gale Group
 File 159:Cancerlit 1975-2002/Oct
 (c) format only 2002 Dialog
***File 159: Cancerlit is no longer updating.**
 Please see HELP NEWS159.
 File 164:Allied & Complementary Medicine 1984-2006/Sep
 (c) 2006 BLHCIS
 File 444:New England Journal of Med. 1985-2006/Sep W1
 (c) 2006 Mass. Med. Soc.
 File 467:ExtraMED(tm) 2000/Dec
 (c) 2001 Informania Ltd.

Set	Items	Description
---	-----	-----
? s	galectin 8	
Processed	10 of	41 files ...
Processed	20 of	41 files ...
Completed processing all files		
S1	52	GALECTIN 8
? rd		

>>>Duplicate detection is not supported for File 393.

>>>Records from unsupported files will be retained in the RD set.

Processing
 Processed 10 of 41 files ...
 Processed 20 of 41 files ...
 Processed 30 of 41 files ...
 S2 47 RD (unique items)
 ? s s2 and (treat? or tumor or metasta?)
 Processing
 Processing
 Processing
 Processing
 Processing
 Processed 10 of 41 files ...
 Processing
 Processing
 Processing
 Processing
 Processed 20 of 41 files ...
 Processing
 Processing
 Processing
 Processing
 Processed 30 of 41 files ...
 Processing
 Processing
 Processing
 Processed 40 of 41 files ...
 Completed processing all files
 47 S2
 18017304 TREAT?
 5292460 TUMOR
 1476870 METASTA?

S3 26 S2 AND (TREAT? OR TUMOR OR METASTA?)

?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES

? show files;ds;t/3,k/all

File 5:Biosis Previews(R) 1969-2006/Sep W2
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File 6:NTIS 1964-2006/Sep W1
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File 8:Bi Compendex(R) 1970-2006/Sep W1
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File 24:CSA Life Sciences Abstracts 1966-2006/Aug
 (c) 2006 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Sep W2
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File 45:EMCare 2006/Sep W2
 (c) 2006 Elsevier B.V.

File 65:Inside Conferences 1993-2006/Sep 15
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File 94:JICST-EPlus 1985-2006/Jun W2
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File 98:General Sci Abs 1984-2006/Sep
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File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jul
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File 135:NewsRx Weekly Reports 1995-2006/Sep W2
 (c) 2006 NewsRx

File 136:BioEngineering Abstracts 1966-2006/Aug
 (c) 2006 CSA.

File 143:Biol. & Agric. Index 1983-2006/Jul
 (c) 2006 The HW Wilson Co

File 144:Pascal 1973-2006/Aug W4
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File 155:MEDLINE(R) 1950-2006/Sep 18
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File 172:EMBASE Alert 2006/Sep 15
 (c) 2006 Elsevier B.V.

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File 357:Derwent Biotech Res. 1982-2006/Sep W3
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File 358:Current BioTech Abs 1983-2006/Jan
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File 369:New Scientist 1994-2006/Aug W1
 (c) 2006 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3
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File 399:CA SEARCH(R) 1967-2006/UD=14513
 (c) 2006 American Chemical Society

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
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File 40:Enviroline(R) 1975-2006/Jul

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 File 162:Global Health 1983-2006/Aug
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 File 305:Analytical Abstracts 1980-2006/Sep W1
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 File 393:Beilstein Abstracts 2006/Q3
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 File 35:Dissertation Abs Online 1861-2006/Aug
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 File 149:TGG Health&Wellness DB(SM) 1976-2006/Sep W1
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 File 159:Cancerlit 1975-2002/Oct
 (c) format only 2002 Dialog
 File 164:Allied & Complementary Medicine 1984-2006/Sep
 (c) 2006 BLHCIS
 File 444:New England Journal of Med. 1985-2006/Sep W1
 (c) 2006 Mass. Med. Soc.
 File 467:ExtraMED(tm) 2000/Dec
 (c) 2001 Informania Ltd.

Set	Items	Description
S1	52	GALECTIN 8
S2	47	RD (unique items)
S3	26	S2 AND (TREAT? OR TUMOR OR METASTA?)

>>>KWIC option is not available in file(s): 399

3/3,K/1 (Item 1 from file: 5)
 DIALOG(R)File 5:Biosis Previews(R)
 (c) 2006 The Thomson Corporation. All rts. reserv.

0014676014 BIOSIS NO.: 200400046771
Chromosomal aberrations, profiles of expression of growth-related markers including galectins and environmental hazards in relation to the incidence of chondroid pulmonary hamartomas.
 AUTHOR: Kayser Klaus (Reprint); Duennwald Delia; Kazmierczak Bernd; Bullerdiek Joern; Kaltner Herbert; Zick Yehiel; Andre Sabine; Gabius Hans-Joachim
 AUTHOR ADDRESS: UICC, Telepathology Consultation Center, Institute of Pathology, Charite, Humboldt University, Schumannstr. 20/21, 10117, Berlin, Germany**Germany
 AUTHOR E-MAIL ADDRESS: klkayser@lung.de
 JOURNAL: Pathology Research and Practice 199 (9): p589-598 2003 2003
 MEDIUM: print
 ISSN: 0344-0338
 DOCUMENT TYPE: Article
 RECORD TYPE: Abstract
 LANGUAGE: English

DESCRIPTORS:
 ...ORGANISMS: PARTS ETC: aberrations, **tumor** development role
 CHEMICALS & BIOCHEMICALS: ...expression profile, **tumor** development role...
 ...expression profile, **tumor** development role...
 ...expression profile, **tumor** development role...

...expression profile, **tumor** development role...
... **galectin 8** ...
...expression profile, **tumor** development role...
...expression profile, **tumor** development role...
...expression profile, **tumor** development role
...GENE NAME: **tumor** development role
MISCELLANEOUS TERMS: ... **tumor** development role...
... **tumor** development role

3/3,K/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 The Thomson Corporation. All rts. reserv.

0013969726 BIOSIS NO.: 200200563237
Role of galectins in inflammatory and immunomodulatory processes
AUTHOR: Rabinovich Gabriel A (Reprint); Rubinstein Natalia; Toscano Marta A
AUTHOR ADDRESS: Division de Immunogenetica, Hospital de Clinicas "Jose de
San Martin", Facultad de Medicina, Universidad de Buenos Aires, Cordoba
2351, 3er Piso, CP 1120, Buenos Aires, Argentina**Argentina
JOURNAL: Biochimica et Biophysica Acta 1572 (2-3): p274-284 19 September,
2002 2002
MEDIUM: print
ISSN: 0006-3002
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: of this enigmatic family of animal lectins and their
glycoligands in the progression, diagnosis and **treatment** of different
pathological processes such as autoimmunity, allergy, infection and
chronic inflammation.

DESCRIPTORS:
CHEMICALS & BIOCHEMICALS: ... **galectin 8**

3/3,K/3 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier B.V. All rts. reserv.

13671366 EMBASE No: 2006159852
**The emerging functionality of endogenous lectins: A primer to the concept
and a case study on galectins including medical implications**
Gabius H.-J.; Wu A.M.
Dr. H.-J. Gabius, Institute of Physiological Chemistry, Faculty of
Veterinary Medicine, Ludwig-Maximilians-University, Veterinarstrasse 13,
D-80539 Munich Germany
AUTHOR EMAIL: gabius@lectins.de
Chang Gung Medical Journal (CHANG GUNG MED. J.) (Taiwan) 2006, 29/1
SPEC. ISS. (37-62)
CODEN: CIHCE ISSN: 0255-8270
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH; CHINESE
NUMBER OF REFERENCES: 70

...with biological cell experiments, its relevance for cell sociology, e.g. in growth regulation and **tumor** cell invasion or activated T cell apoptosis. Histopathological monitoring accompanies the biological cell investigations, linking expression of certain family members to **tumor** progression or suppression. Further insights into the functional consequences of the sugar code's translation...

DRUG DESCRIPTORS:

...beta galactosidase; integrin; ganglioside GM1; galectin 1; galectin 2; galectin 3; galectin 4; galectin 7; **galectin 8**

MEDICAL DESCRIPTORS:

...code; energy metabolism; malignant transformation; innate immunity; cell migration; cell growth; hydrogen bond; growth regulation; **tumor** cell; cell invasion; T lymphocyte; apoptosis; histopathology; **tumor** growth; cancer inhibition; glycobiology; genealogy; microphotography; protein structure; human; nonhuman; review; nucleotide sequence

...CAS REGISTRY NO.: ganglioside GM1); 258495-34-0 (galectin 1);

208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**)

3/3,K/4 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13537465 EMBASE No: 2006020056

Thioureido N-acetyllactosamine derivatives as potent galectin-7 and 9N inhibitors

Salameh B.A.; Sundin A.; Leffler H.; Nilsson U.J.

U.J. Nilsson, Organic Chemistry, Lund University, PO Box 124, SE-221 00 Lund Sweden

AUTHOR EMAIL: ulf.nilsson@organic.lu.se

Bioorganic and Medicinal Chemistry (BIOORG. MED. CHEM.) (United Kingdom) 15 FEB 2006, 14/4 (1215-1220)

CODEN: BMECE ISSN: 0968-0896

PUBLISHER ITEM IDENTIFIER: S0968089605009168

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 41

...derivative in a three-step reaction sequence involving azide reduction and isothiocyanate formation by thiophosgene **treatment** of the C3-amine, followed by reaction of the isothiocyanate with a panel of amines...

DRUG DESCRIPTORS:

isothiocyanic acid; azide; galectin; galectin 1; **galectin 8** ; galectin 7; galectin 3; unclassified drug

...CAS REGISTRY NO.: 14343-69-2 (azide); 258495-34-0 (galectin 1);

220452-97-1 (**galectin 8**); 208128-56-7 (galectin 3)

3/3,K/5 (Item 3 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13431271 EMBASE No: 2005486328

The coming of age of galectins as immunomodulatory agents: Impact of these carbohydrate binding proteins in T cell physiology and chronic inflammatory disorders

Illarregui J.M.; Bianco G.A.; Toscano M.A.; Rabinovich G.A.

Dr. G.A. Rabinovich, Division Immunogenetica, Hospital de Clinicas Jose de San Martin, Universidad de Buenos Aires, Av. Cordoba 2351, (C1120)

Ciudad de Buenos Aires Argentina
AUTHOR EMAIL: gabyrabi@ciudad.com.ar
Annals of the Rheumatic Diseases (ANN. RHEUM. DIS.) (United Kingdom)
2005, 64/SUPPL. 4 (iv96-iv103)
CODEN: ARDIA ISSN: 0003-4967
DOCUMENT TYPE: Journal ; Conference Paper
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 94

DRUG DESCRIPTORS:

...CD4 antigen--endogenous compound--ec; CD8 antigen--endogenous compound
--ec; galectin 7--endogenous compound--ec; **galectin 8** --endogenous
compound--ec; unindexed drug; unclassified drug

MEDICAL DESCRIPTORS:

...activation; cell differentiation; apoptosis; chronic inflammation
--etiology--et; autoimmunity; cancer--etiology--et; antiinflammatory
activity; immunosuppressive **treatment** ; cellular distribution; protein
structure; cytokine release; myasthenia gravis--drug therapy--dt; allergic
encephalomyelitis--drug therapy...
...CAS REGISTRY NO.: 3); 180189-96-2 (caspase 9); 219306-68-0 (protein bcl
2); 220452-97-1 (**galectin 8**)

3/3,K/6 (Item 4 from file: 73)

DIALOG(R)File 73:EMBASE

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13401308 EMBASE No: 2005473657

**Human galectin-2: Expression profiling by RT-PCR/immunohistochemistry and
its introduction as a histochemical tool for ligand localization**

Saal I.; Lensch M.; Lohr M.; Manning J.C.; Decaestecker C.; Andre S.;
Kiss R.; Salmon I.; Gabius H.-J.

Prof. I. Salmon, Laboratory of Pathology, Erasmus University Hospital,
Free University of Brussels, 808 route de Lennik, 1070 Brussels Belgium

AUTHOR EMAIL: isalmon@ulb.ac.be

Histology and Histopathology (HISTOL. HISTOPATHOL.) (Spain) 2005,
20/4 (1191-1208)

CODEN: HIHIE ISSN: 0213-3911

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 97

DRUG DESCRIPTORS:

...compound--ec; polyclonal antibody; lectin; galectin 3--endogenous
compound--ec; galectin 4--endogenous compound--ec; **galectin 8** --endogenous
compound--ec

MEDICAL DESCRIPTORS:

...cell nucleus; biotinylation; histopathology; RNA fingerprinting;
prognosis; colon adenocarcinoma; lung adenocarcinoma; thyroid papillary
carcinoma; kidney **tumor** ; bladder carcinoma; human; major clinical study;
controlled study; human tissue; article

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**)

3/3,K/7 (Item 5 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13398981 EMBASE No: 2005445912

Galectin-3 expression in functioning and silent ACTH-producing adenomas

Jin L.; Riss D.; Ruebel K.; Kajita S.; Scheithauer B.W.; Horvath E.; Kovacs K.; Lloyd R.V.

Dr. R.V. Lloyd, Department of Laboratory Medicine and Pathology, Mayo Clinic, 200 First Street, SW, Rochester, MN 55905 United States

AUTHOR EMAIL: lloyd.ricardo@mayo.edu

Endocrine Pathology (ENDOCR. PATHOL.) (United States) 2005, 16/2 (107-114)

CODEN: ENPAF ISSN: 1046-3976

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 39

...binding protein, has been implicated in a variety of biological functions including cell growth, differentiation, **tumor** cell adhesion, angiogenesis, **tumor** progression, and **metastasis** . We recently reported that Gal-3 was expressed in a subset of normal pituitary cells...

DRUG DESCRIPTORS:

...galectin 2--endogenous compound--ec; galectin 4--endogenous compound--ec ; galectin 7--endogenous compound--ec; **galectin 8** --endogenous compound --ec; galectin--endogenous compound--ec; prolactin--endogenous compound--ec ; unclassified drug

CAS REGISTRY NO.: 208128-56-7 (galectin 3); 258495-34-0 (galectin 1); 220452-97-1 (**galectin 8**); 12585-34-1...

3/3,K/8 (Item 6 from file: 73)

DIALOG(R)File 73:EMBASE

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13231553 EMBASE No: 2005296600

Glycans and glycan-binding proteins in brain: Galectin-1-induced expression of neurotrophic factors in astrocytes

Endo T.

T. Endo, Glycobiology Research Group, Tokyo Metropolitan Institute of Gerontology, Foundation for Research on Aging and Promotion of Human Welfare, 35-2 Sakaecho, Itabashi-ku, Tokyo 173-0015 Japan

AUTHOR EMAIL: endo@tmig.or.jp

Current Drug Targets (CURR. DRUG TARGETS) (Netherlands) 2005, 6/4 (427-436)

CODEN: CDTUA ISSN: 1389-4501

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 121

...new mechanism for preventing neuronal loss after brain injury, and may be useful for the **treatment** of neurodegenerative disorders. (c) 2005 Bentham Science Publishers Ltd.

DRUG DESCRIPTORS:

...galectin 7--endogenous compound--ec; galectin 3--endogenous compound--ec ; galectin 4--endogenous compound--ec; **galectin 8** --endogenous compound --ec; CD45 antigen--endogenous compound--ec; Datura stramonium extract --pharmacology--pd

...CAS REGISTRY NO.: 07-2 (glycosyltransferase); 9055-06-5 (mannosyltransferase); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**)

3/3,K/9 (Item 7 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13194143 EMBASE No: 2005262349

Galectins as immunoregulators during infectious processes: From microbial invasion to the resolution of the disease

Rabinovich G.A.; Gruppi A.

G.A. Rabinovich, Division Inmunogenetica, Hospital de Clinicas Jose de San Martin, Universidad de Buenos Aires, C1120, Buenos Aires Argentina

AUTHOR EMAIL: gabyrabi@ciudad.com.ar

Parasite Immunology (PARASITE IMMUNOL.) (United Kingdom) 2005, 27/4 (103-114)

CODEN: PAIMD ISSN: 0141-9838

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 94

DRUG DESCRIPTORS:

...galectin 2--endogenous compound--ec; galectin 3--endogenous compound--ec ; galectin 4--endogenous compound--ec; **galectin 8** --endogenous compound --ec; carbohydrate binding protein--endogenous compound--ec; galaptin --endogenous compound--ec; glycoconjugate...

...ec; cytokine--endogenous compound--ec; interleukin 2--endogenous compound--ec; gamma interferon--endogenous compound--ec; **tumor** necrosis factor alpha--endogenous compound--ec; interleukin 5--endogenous compound --ec; interleukin 12--endogenous compound...

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**); 118251-01-7 (galaptin); 123897-54-1 (leukosialin); 85898-30-2 (interleukin 2); 82115...

3/3,K/10 (Item 8 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2006 Elsevier B.V. All rts. reserv.

13102501 EMBASE No: 2005151891

Identification and analysis of tumour-associated antigens in hepatocellular carcinoma

Shi Y.-Y.; Wang H.-C.; Yin Y.-H.; Sun W.-S.; Li Y.; Zhang C.-Q.; Wang Y.; Wang S.; Chen W.-F.

W.-F. Chen, Immunology Department, Peking Univ. Health Science Center, Beijing 100083 China

AUTHOR EMAIL: wfchen@public.bta.net.cn

British Journal of Cancer (BR. J. CANCER) (United Kingdom) 14 MAR 2005, 92/5 (929-934)

CODEN: BJCAA ISSN: 0007-0920

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 43

DRUG DESCRIPTORS:

* **tumor** antigen--endogenous compound--ec; *cancer testis antigen --endogenous compound--ec; *gene product--endogenous compound--ec ...compound--ec; histone deacetylase 2--endogenous compound--ec; cell cycle protein 37--endogenous compound--ec; **galectin 8** --endogenous compound--ec; galectin 4--endogenous compound--ec; melanoma antigen--endogenous compound --ec; alpha...

CAS REGISTRY NO.: 97794-27-9 (immunoglobulin G); 220452-97-1 (**galectin 8**) ; 9041-92-3 (alpha 1 antitrypsin); 80295-65-4 (complement factor H); 80295-62...

3/3,K/11 (Item 9 from file: 73)

DIALOG(R)File 73:EMBASE

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13095702 EMBASE No: 2005155445

Development of highly stable galectins: Truncation of the linker peptide confers protease-resistance on tandem-repeat type galectins

Nishi N.; Itoh A.; Fujiyama A.; Yoshida N.; Araya S.-I.; Hirashima M.; Shoji H.; Nakamura T.

N. Nishi, Department of Endocrinology, Faculty of Medicine, Kagawa University, 1750-1 Ikenobe, Miki-cho, Kita-gun, Kagawa 761-0793 Japan

AUTHOR EMAIL: nnishi@med.kagawa-u.ac.jp

FEBS Letters (FEBS LETT.) (Netherlands) 11 APR 2005, 579/10

(2058-2064)

CODEN: FEBLA ISSN: 0014-5793

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 16

...galectin-8, members of beta-galactoside-binding animal lectin family, are promising agents for the **treatment** of immune-related and neoplastic diseases. The proteins consist of two carbohydrate recognition domains joined...

DRUG DESCRIPTORS:

* **galectin 8** --drug analysis--an; * **galectin 8** --drug comparison--cm; * **galectin 8** --drug development--dv; *galectin--drug analysis--an; *galectin --drug comparison--cm; *galectin--drug development...

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**); 9001-92-7 (proteinase)

3/3,K/12 (Item 10 from file: 73)

DIALOG(R)File 73:EMBASE

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13081288 EMBASE No: 2005130124

Toward functional glycomics by localization of tissue lectins: Immunohistochemical galectin fingerprinting during

diethylstilbestrol-induced kidney tumorigenesis in male Syrian hamster

Saussez S.; Nonclercq D.; Laurent G.; Wattiez R.; Andre S.; Kaltner H.; Gabius H.-J.; Kiss R.; Toubreau G.

S. Saussez, Laboratory of Histology, Faculty of Medicine and Pharmacy, University of Mons-Hainaut, Ave. Champ de Mars, 6 - Pentagone 1B, 7000 Mons Belgium

AUTHOR EMAIL: sven.saussez@umh.ac.be

Histochemistry and Cell Biology (HISTOCHEM. CELL BIOL.) (Germany)

2005, 123/1 (29-41)

CODEN: HCBIF ISSN: 0948-6143

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 103

...unique animal model for the study of estrogen-dependent renal malignancies. Kidney sections of DES- **treated** hamsters (3 days to 11 months of DES exposure) were analyzed by immunohistochemistry using a...
...neoplastic transformation, because small tumorous buds were found to be positive after 1 month of **treatment** . In contrast, galectins-7 and -8 were detected in large tumors and medium-sized tumors...

...HKT-1097 cell line established from SHKT, thus illustrating the stability of galectin expression in **tumor** cells. Our data document the presence and differential regulation of galectins in the course of...

DRUG DESCRIPTORS:

...*galectin 3--endogenous compound--ec; *galectin 4--endogenous compound--ec; *galectin 7--endogenous compound--ec; * **galectin 8** --endogenous compound--ec

MEDICAL DESCRIPTORS:

*glycobiology; *kidney **tumor** ; *carcinogenesis; *immunohistochemistry tissue distribution; protein localization; protein expression; computer analysis; microscopy; tissue section; **tumor** cell; immunofluorescence; protein stability; quantitative analysis; nonhuman; male; controlled study; animal tissue; animal cell; article...

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**); 30498-85-2...

3/3,K/13 (Item 11 from file: 73)

DIALOG(R)File 73:EMBASE

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12755736 EMBASE No: 2004351822

Tumor galectinology: Insights into the complex network of a family of endogenous lectins

Lahm H.; Andre S.; Hoefflich A.; Kaltner H.; Siebert H.-C.; Sordat B.; Von Der Lieth C.-W.; Wolf E.; Gabius H.-J.

Dr. H. Lahm, Immunol.-Molec. Biology Laboratory, Thoraxklinik Heidelberg gGmbH, Amalienstrasse 5, D-69126 Heidelberg Germany

AUTHOR EMAIL: harald.lahm@thoraxklinik-heidelberg.de

Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2003, 20/4 (227-238)

CODEN: GLJOE ISSN: 0282-0080

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 119

Tumor galectinology: Insights into the complex network of a family of endogenous lectins

...apoptosis and invasive behavior the notion is supported that they can be considered as functional **tumor** markers. In principle, the same might hold true for the other members of the galectin...

...is expected to make its mark on our understanding of the malignant phenotype in certain **tumor** types. Published in 2004.

DRUG DESCRIPTORS:

beta galactoside; galectin 1; galectin 3; **tumor** marker; galectin 4; **galectin 8** ; protein; messenger RNA; unclassified drug

MEDICAL DESCRIPTORS:

*protein family; * **tumor** --etiology--et

...protein synthesis; gene insertion; amino acid sequence; alternative RNA splicing; amino acid substitution; phenotype; histochemistry; **tumor** cell; DNA fingerprinting; cell type; gel electrophoresis; human; nonhuman; review ; nucleotide sequence; priority journal

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3); 220452-97-1 (**galectin 8**); 67254-75-5 (protein)

3/3,K/14 (Item 12 from file: 73)

DIALOG(R)File 73:EMBASE

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12523249 EMBASE No: 2004115965

Human galectin-8 isoforms and cancer

Bidon-Wagner N.; Le Pennec J.-P.

J.-P. Le Pennec, LBCM UPRES EA 2594, UBS Campus de Tohannic, Centre de
Recherches Yves COPPENS, BP 573, 56 017 Vannes Cedex France

AUTHOR EMAIL: Jean-Paul.Le-Pennec@univ-ubs.fr

Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2004, 19/7-9
(557-563)

CODEN: GLJOE ISSN: 0282-0080

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 43

...prototype group (with one CRD). Various studies showed that galectin-8 is widely expressed in **tumor** tissues as well as in normal tissues. The level of galectin-8 expression may correlate...

...and neuro-endocrine tumors. Recently, the differences in galectin-8 expression levels between normal and **tumor** tissues have been used as a guide for the selection of strategies for the prevention and **treatment** of lung squamous cell carcinoma. These experiments are still under investigation, but demonstrate the potential...

DRUG DESCRIPTORS:

* **galectin 8** --endogenous compound--ec

MEDICAL DESCRIPTORS:

...cell; RNA splicing; polyadenylation; tandem repeat; protein expression; cell differentiation; lung squamous cell carcinoma; neuroendocrine **tumor** ; colon cancer--diagnosis--di; lung cancer--diagnosis--di; human; nonhuman; review; priority journal

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**)

3/3,K/15 (Item 13 from file: 73)

DIALOG(R)File 73:EMBASE

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12523244 EMBASE No: 2004115960

Role of galectin-8 as a modulator of cell adhesion and cell growth

Zick Y.; Eisenstein M.; Goren R.A.; Hadari Y.R.; Levy Y.; Ronen D.

Y. Zick, Department of Molecular Cell Biology, Weizmann Institute of
Science, Rehovot 76100 Israel

AUTHOR EMAIL: Yehiel.zick@weizmann.ac.il

Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2004, 19/7-9
(517-526)

CODEN: GLJOE ISSN: 0282-0080

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 79

...best example studied thus far. The overexpressed lectin might give these neoplasms some growth and **metastasis** related advantages due to its ability to modulate cell adhesion and cellular growth. Hence, galectin...

DRUG DESCRIPTORS:

* **galectin 8**

MEDICAL DESCRIPTORS:

...signal transduction; protein phosphorylation; regulatory mechanism; cell migration; protein expression; correlation analysis; neoplasm; prostate cancer; **metastasis** ; extracellular matrix; molecular interaction; protein

structure; human; nonhuman; review; priority journal
CAS REGISTRY NO.: 220452-97-1 (**galectin 8**); 86088-83-7 (fibronectin);
16870-43-2...

3/3,K/16 (Item 14 from file: 73)
DIALOG(R)File 73:EMBASE
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12523243 EMBASE No: 2004115959
Regulation of cellular homeostasis by galectins
Hsu D.K.; Liu F.-T.
D.K. Hsu, Department of Dermatology, University of California-Davis, 4645
Second Avenue, Sacramento, CA 95817 United States
AUTHOR EMAIL: dkhsu@ucdavis.edu
Glycoconjugate Journal (GLYCOCONJUGATE J.) (Netherlands) 2004, 19/7-9
(507-515)
CODEN: GLJOE ISSN: 0282-0080
DOCUMENT TYPE: Journal ; Review
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 76

DRUG DESCRIPTORS:

*galectin 1; *galectin 3; * **galectin 8**
...pharmacology--pd; Fas antibody--pharmacology--pd; cisplatin
--pharmacology--pd; genistein--pharmacology--pd; cycloheximide
--pharmacology--pd; **tumor** necrosis factor alpha--pharmacology--pd;
unclassified drug
CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 62996-74-1 (staurosporine); 15663-27-1...

3/3,K/17 (Item 15 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier B.V. All rts. reserv.

12222790 EMBASE No: 2003333042
Molecular biological fingerprinting of human lectin expression by RT-PCR
Lahm H.; Andre S.; Hoeflich A.; Fischer J.R.; Sordat B.; Kaltner H.; Wolf
E.; Gabius H.-J.
H. Lahm, Institute of Physiological Chemistry, Ludwig-Maximilians
University, Veterinarstrasse 13, Munich D-80539 Germany
Methods in Enzymology (METHODS ENZYMOL.) (United States) 2003, 362/-
(287-297)
CODEN: MENZA ISSN: 0076-6879
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 39

DRUG DESCRIPTORS:

...ec; glycoconjugate--endogenous compound--ec; galectin 1--endogenous
compound--ec; galectin 3--endogenous compound--ec; **galectin 8** --endogenous
compound--ec; DNA--endogenous compound--ec; messenger RNA--endogenous
compound--ec; isoprotein--endogenous compound--ec; **tumor** antigen
--endogenous compound--ec; unclassified drug

MEDICAL DESCRIPTORS:

...transcription polymerase chain reaction; molecular biology; 5'
untranslated region; Western blotting; fluorescence activated cell sorter;
tumor cell; human; nonhuman; article; priority journal
...DRUG TERMS (UNCONTROLLED): 4--endogenous compound--ec; galectin 7

--endogenous compound--ec; ecalectin--endogenous compound--ec; prostate carcinoma **tumor** antigen 1--endogenous compound--ec; dectin 2--endogenous compound--ec; plasmacytoid dendritic cell specific antigen...
CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 9007-49-2 (DNA)

3/3,K/18 (Item 16 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2006 Elsevier B.V. All rts. reserv.

12164638 EMBASE No: 2003268648

Extracellular matrix proteins modulate endocytosis of the insulin receptor

Boura-Halfon S.; Voliovitich H.; Feinstein R.; Paz K.; Zick Y.
United States
AUTHOR EMAIL: yehiel.zick@weizmann.ac.il
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 02
MAY 2003, 278/18 (16397-16404)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 44

...was assayed in CHO-T cells (adherent onto fibronectin), whose actin filaments were disrupted upon **treatment** with latrunculin B. Latrunculin B did not affect insulin-induced Tyr phosphorylation of IR or...

...still, a 30-50% reduction in the rate of IR internalization was observed in cells **treated** with latrunculin B. **Treatment** of cells with nocodazole, which disrupts formation of microtubules, did not affect IR internalization. These...

DRUG DESCRIPTORS:

tyrosine--endogenous compound--ec; pleckstrin--endogenous compound--ec;
galectin 8 --endogenous compound--ec; integrin--endogenous compound--ec;
ligand; fibronectin--endogenous compound--ec; collagen--endogenous...
...CAS REGISTRY NO.: 60-18-4 (tyrosine); 220452-97-1 (**galectin 8**);
86088-83-7 (fibronectin); 9007-34-5 (collagen); 2408-79-9 (laminin);
39409-31...

3/3,K/19 (Item 17 from file: 73)
DIALOG(R)File 73:EMBASE
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12147218 EMBASE No: 2003257870

Combined analysis of tumor growth pattern and expression of endogenous lectins as a prognostic tool in primary testicular cancer and its lung metastases

Kayser K.; Hoeft D.; Hufnagl P.; Caselitz J.; Zick Y.; Andre S.; Kaltner H.; Gabius H.-J.
Prof. Dr. K. Kayser, Langgewann 39, D-69121 Heidelberg Germany
AUTHOR EMAIL: klkayser@lung.de
Histology and Histopathology (HISTOL. HISTOPATHOL.) (Spain) 2003,
18/3 (771-779)
CODEN: HIHIE ISSN: 0213-3911
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 65

Combined analysis of tumor growth pattern and expression of endogenous lectins as a prognostic tool in primary testicular cancer and its lung metastases

...analyze expression of distinct growth/adhesion-related markers of primary testicular carcinomas and their lung **metastases** in relation to the risk of developing lung **metastases** and survival of patients, and to correlate immunohistochemical staining profile and syntactic structure analysis in order to delineate new prognostic parameters for this **tumor** type. Clinical features of 50 patients with primary testicular carcinomas and their corresponding lung **metastases** were evaluated and compared to those of a control cohort of 25 cases. The set...

...antiKi-67, anti-bcl-2, and anti-p53 was applied to formalin-fixed, paraffin-embedded **tumor** sections of both primary and **metastatic** lesions. Syntactic structure analysis computed staining intensities and structural features of the **tumor** cells. These parameters were set into relation separately and in combination to clinical data including **tumor** stages, smoking habits, applied cytostatic therapy, disease-free interval, and survival. The risk of testis cancer patients to develop lung **metastases** depends in descending order on the **tumor** cell type (non-seminoma versus seminoma), **tumor** cell heterogeneity (mixed versus monomorphous cell type), age of patients, and pT stage. The extent...

...combination with data from syntactic structure analysis, for example cluster radius of galectin-3-positive **tumor** cells and post-surgical and total survival. Lengths of disease-free interval and total survival...
...and of p53. Patients with non-seminoma testicular cancer should be thoroughly controlled for lung **metastases**. Regarding marker selection, our study underscores that further investigation of the growth-regulatory network of...

DRUG DESCRIPTORS:

galectin--endogenous compound--ec; galectin 1--endogenous compound--ec;
galectin 3--endogenous compound--ec; **galectin 8** --endogenous compound--ec;
Ki 67 antigen--endogenous compound--ec; protein bcl 2--endogenous compound
...

...dt; bleomycin--drug combination--cb; cytotoxic agent--drug therapy--dt;
cytotoxic agent--drug combination--cb; **tumor** marker--endogenous compound
--ec; antibody

MEDICAL DESCRIPTORS:

*testis cancer--etiology--et; *testis cancer--drug therapy--dt; *lung
metastasis --complication--co; *lung **metastasis** --drug therapy--dt; *lung
metastasis --etiology--et; *lung **metastasis** --surgery--su

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 219306-68-0 (protein bcl 2); 15663-27-1...

3/3,K/20 (Item 18 from file: 73)

DIALOG(R)File 73:EMBASE

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12031844 EMBASE No: 2003143808

Refined prognostic evaluation in colon carcinoma using immunohistochemical galectin fingerprinting

Nagy N.; Legendre H.; Engels O.; Andre S.; Kaltner H.; Wasano K.; Zick Y.
; Pector J.-C.; Decaestecker C.; Gabius H.-J.; Salmon I.; Kiss R.
Dr. R. Kiss, Laboratory of Histopathology, Faculty of Medicine,
Universite Libre de Bruxelles, 808 route de Lennik, 1070 Brussels
Belgium

AUTHOR EMAIL: rkiss@ulb.ac.be
Cancer (CANCER) (United States) 15 APR 2003, 97/8 (1849-1858)
CODEN: CANCA ISSN: 0008-543X
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 34

...55 colon carcinomas (including 10 Dukes A, 16 Dukes B, 15 Dukes C, and 14 **metastatic** tumors that the authors labeled "Stage D"). The immunohistochemical levels of expression of the four...

...with significant and separate prognostic values that depend on the Dukes stage of the colon **tumor** . In particular, the authors observed a significant prognostic value associated with galectins-1, -3, and...

DRUG DESCRIPTORS:

*galectin 1--endogenous compound--ec; *galectin 3--endogenous compound--ec;
* **galectin 8** --endogenous compound--ec; *protein--endogenous compound--ec

MEDICAL DESCRIPTORS:

prognosis; immunohistochemistry; **metastasis** ; protein expression;
microscopy; quantitative analysis; protein determination; cancer staging;
computer analysis; human; male; female; major...

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);
220452-97-1 (**galectin 8**); 67254-75-5 (protein)

3/3,K/21 (Item 19 from file: 73)

DIALOG(R)File 73:EMBASE

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11500431 EMBASE No: 2002072071

Galectin-8 expression decreases in cancer compared with normal and dysplastic human colon tissue and acts significantly on human colon cancer cell migration as a suppressor

Nagy N.; Bronckart Y.; Camby I.; Legendre H.; Lahm H.; Kaltner H.; Hadari Y.; Van Ham P.; Yeaton P.; Pector J.-C.; Zick Y.; Salmon I.; Danguy A.; Kiss R.; Gabius H.-J.

R. Kiss, Laboratory of Histopathology, Faculty of Medicine, Universite Libre de Bruxelles, 808 route de Lennik, 1070 Brussels Belgium

AUTHOR EMAIL: rkiss@ulb.ac.be

Gut (GUT) (United Kingdom) 2002, 50/3 (392-401)

CODEN: GUTTA ISSN: 0017-5749

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 49

DRUG DESCRIPTORS:

* **galectin 8** ; *beta galactoside

MEDICAL DESCRIPTORS:

protein expression; cell adhesion; immunohistochemistry; **tumor** xenograft;
ligand binding; cell proliferation; cancer invasion; malignant transformation; **tumor** growth; protein family; human; human tissue; human cell; article; priority journal

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**)

3/3,K/22 (Item 20 from file: 73)

DIALOG(R)File 73:EMBASE

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11480743 EMBASE No: 2002051654

Galectin fingerprinting by immuno- and lectin histochemistry in cutaneous lymphoma

Wollina U.; Graefe T.; Feldrappe S.; Andre S.; Wasano K.; Kaltner H.; Zick Y.; Gabius H.-J.

U. Wollina, Department of Dermatology, Hospital Dresden-Friedrichstadt, PO Box 12 09 06, 01008 Dresden Germany

AUTHOR EMAIL: Wollina-Uw@khdf.de

Journal of Cancer Research and Clinical Oncology (J. CANCER RES. CLIN. ONCOL.) (Germany) 2002, 128/2 (103-110)

CODEN: JCROD ISSN: 0171-5216

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 62

...expression of galectins (endogenous beta-galactoside-binding lectins) and their binding sites has relevance for **tumor** biology. Using galectin-type-specific reagents (non-crossreactive antibodies for proto-type galectin-1, chimera...

DRUG DESCRIPTORS:

*galectin; *galectin 1; *galectin 3; * **galectin 8**

CAS REGISTRY NO.: 258495-34-0 (galectin 1); 208128-56-7 (galectin 3);

220452-97-1 (**galectin 8**); 219306-68-0 (protein bcl 2); 23214-92-8...

3/3,K/23 (Item 21 from file: 73)

DIALOG(R)File 73:EMBASE

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11443168 EMBASE No: 2002015953

Immunohistochemical expression of the intracellular component of galectin-8 in squamous cell metaplasia of the bronchial epithelium in neoplastic and benign processes

Caulet-Maugendre S.; Birolleau S.; Corbineau H.; Bassen R.; Desrues B.; Bidon N.; Delaval P.; Ramee M.-P.; Brichory F.; Dazord L.

S. Caulet-Maugendre, Department of Pathology B, Centre

Hospitalier-Regional, Universitaire Pontchaillou, 2 rue Henri Le

Guilloux, 35033 Rennes Cedex 09 France

Pathology Research and Practice (PATHOL. RES. PRACT.) (Germany) 2001, 197/12 (797-801)

CODEN: PARPD ISSN: 0344-0338

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 38

...galectin family with a strong homology with galectin-8 (PCTA-1), identified as a human **tumor** -associated antigen. We studied Po66 in squamous metaplasia of the bronchi in order to determine...

...of galectin-8 according to the functions of galectins in cellular differentiation, host reaction against **tumor** , and inflammation.

DRUG DESCRIPTORS:

* **galectin 8** --endogenous compound--ec

...G1--endogenous compound--ec; monoclonal antibody--endogenous compound--ec; carbohydrate binding protein--endogenous compound--ec; **tumor** antigen--endogenous compound--ec; formaldehyde; paraffin; streptavidin; biotin; peroxidase

MEDICAL DESCRIPTORS:

immunohistochemistry; bronchus mucosa; protein expression; malignant neoplastic disease; benign **tumor** ; cell proliferation; cell differentiation; cell adhesion; cell migration; cancer risk; inflammation;

stroma cell; disease association...

CAS REGISTRY NO.: 220452-97-1 (**galectin 8**); 50-00-0 (formaldehyde);
9013-20-1 (streptavidin); 58-85-5 (biotin); 9003-99...

3/3,K/24 (Item 22 from file: 73)

DIALOG(R)File 73:EMBASE

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11252999 EMBASE No: 2001268017

Immunohistochemical profile of galectin-8 expression in benign and malignant tumours of epithelial, mesenchymatous and adipous origins, and of the nervous system

Danguy A.; Rorive S.; Decaestecker C.; Bronckart Y.; Kaltner H.; Hadari Y.R.; Goren R.; Zich Y.; Petein M.; Salmon I.; Gabius H.-J.; Kiss R.

Dr. R. Kiss, Laboratory of Histopathology, Faculty of Medicine, Free University of Brussels, 808 route de Lennik, 1070 Brussels Belgium

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Histology and Histopathology (HISTOL. HISTOPATHOL.) (Spain) 2001, 16/3 (861-868)

CODEN: HIHIE ISSN: 0213-3911

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 38

...whether the immunohistochemical expression of galectin-8 could be used as a diagnostic marker in **tumor** tissues of various histogenetic origins including specimens from epithelial (n=145), mesenchymatous (n=16), adipous

...

MEDICAL DESCRIPTORS:

*epithelium **tumor** --diagnosis--di; *connective tissue **tumor** --diagnosis

--di; *lipoma--diagnosis--di; *brain **tumor** --diagnosis--di; *malignant

neoplastic disease--diagnosis--di; *benign **tumor** --diagnosis--di

...controlled study; immunohistochemistry; protein expression; mesenchyme;

mesothelioma; disease marker; diagnostic value; histopathology; central

nervous system **tumor** ; peripheral nervous system; colon **tumor** ; pancreas

tumor ; liver **tumor** ; skin **tumor** ; larynx **tumor** ; regulatory mechanism;

prognosis; article

DRUG TERMS (UNCONTROLLED): **galectin 8** --endogenous compound--ec

3/3,K/25 (Item 23 from file: 73)

DIALOG(R)File 73:EMBASE

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11182240 EMBASE No: 2001195941

Sodium butyrate induces growth inhibition and modulates galectin-8 expression in human lung carcinoma cells

Bidon N.; Brichory F.; Thomas D.; Cavalier A.; Caulet-Maugendre S.; Bourguet P.; Dazord L.

N. Bidon, Centre Eugene Marquis, Departement de Medecine Nucleaire, UPRES

EA 1794, CS 44229, 35042 Rennes Cedex France

AUTHOR EMAIL: nbidon@univ-rennes1.fr

Anticancer Research (ANTICANCER RES.) (Greece) 2001, 21/2 A

(1049-1056)

CODEN: ANTRD ISSN: 0250-7005

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 28

...Binding Protein (Po66-CBP) belongs to the galectin-8 family and is expressed in lung **tumor** cells but not in normal ones. Recent studies showed that galectin-8 could be used for human lung squamous cell carcinoma radioimmunotherapy. To optimize this method of **treatment**, we attempted to increase galectin-8 expression in human lung **tumor** cells. A human lung squamous (SK-MES-1) or adeno (A 549) carcinoma cell line...

...3 mM of sodium butyrate inhibited the two cell lines' growth after 48 hours of **treatment**, but only in SK-MES-1 cells galectin-8 expression is modulated without any secretion...

DRUG TERMS (UNCONTROLLED): **galectin 8** --endogenous compound--ec

3/3,K/26 (Item 24 from file: 73)

DIALOG(R)File 73:EMBASE

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10869496 EMBASE No: 2000350942

Molecular characterization of Prostate Carcinoma Tumor Antigen-1, PCTA-1, a human Galectin-8 related gene

Gopalkrishnan R.V.; Roberts T.; Tuli S.; Kang D.-C.; Christiansen K.A.; Fisher P.B.

Prof. P.B. Fisher, Departments of Pathology and Urology, Columbia University, Coll. of Physicians/Surgeons BB-1501, 603 West 168th Street, New York, NY 10032 United States

Oncogene (ONCOGENE) (United Kingdom) 07 SEP 2000, 19/38 (4405-4416)

CODEN: ONCNE ISSN: 0950-9232

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 64

Molecular characterization of Prostate Carcinoma Tumor Antigen-1, PCTA-1, a human Galectin-8 related gene

...as a whole, or for individual members has proven elusive. The isolation of Prostate Carcinoma **Tumor** Antigen-1 (PCTA-1), a cDNA closely related to rat and human Galectin-8, as...

...ubiquitous in normal human tissues and could alter in specific contexts such as transformation or **metastasis**. Multiple expression isoforms of PCTA-1 at file mRNA level are observed. PCTA-1 maps...

DRUG DESCRIPTORS:

*galectin; * **tumor** antigen

MEDICAL DESCRIPTORS:

protein family; antigen expression; **metastasis**; chromosome 1q; cancer susceptibility; gene overexpression; phenotype; human; nonhuman; male; rat; human tissue; article; nucleotide...

DRUG TERMS (UNCONTROLLED): **galectin 8**; prostate carcinoma **tumor** antigen

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Title of Invention: CENTRO SOME PROTEINS...

Inventors (please provide full names): S. J. DOXSEY

Earliest Priority Date: 9-15-03

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